

Ships Configuration Maintenance Course

Course Outline

- Importance of configuration management
- Ships configuration & logistics information system (SCLSIS) data flow
- COSAL theory & structure (“Gold Book”)
  - SPCC instruction 4441.170 series
- Material identification
- Detailed description & data content

Course Outline

- COSAL Part I
  - APLs/AELs/ACLs (RIC)
  - Allowance parts list characteristic data
- COSAL Part II
  - Equipment summary list
  - Detailed equipment data (ships equipment records)
  - Alterations
  - Pen & ink changes

Course Outline

- COSAL Part III
  - Stock numbered sequence listing
  - SNAP stock record cards
- Using the COSAL
  - Seven methods of penetrating the equipment files in SNAP
- Maintaining the equipment files
  - ASI processing
  - SNAP files

Course Outline

- Maintaining the equipment files (Cont.)
  - Fleet COSAL feedback reports
- SPCCINST chapters 6 thru app “C”
  - Requisitioning of outfitting requirements
  - Storeroom items
  - Maintenance assistance modules
  - Interim repair parts
  - Contractor supported systems equipment

Course Outline

- Ships configuration & logistic support information system (SCLSIS)
  - Responsibilities
- COSAL support of Aeronautical Equipment
- Q COSAL

Course Outline

- Key configuration management reports available in SNAP
  - Equipment validations
- Introduction to SNAP computer systems & hardware
- SNAP II daily operations
  - Configuration changes & equipment file corrections

Importance of Configuration Management

Importance of Configuration Management

- Sustains combat & operational readiness
  - Reduce equipment down time
- Allows continuous maintenance support of all shipboard systems, during operational periods
- Allows ships to operate independently without direct shore support

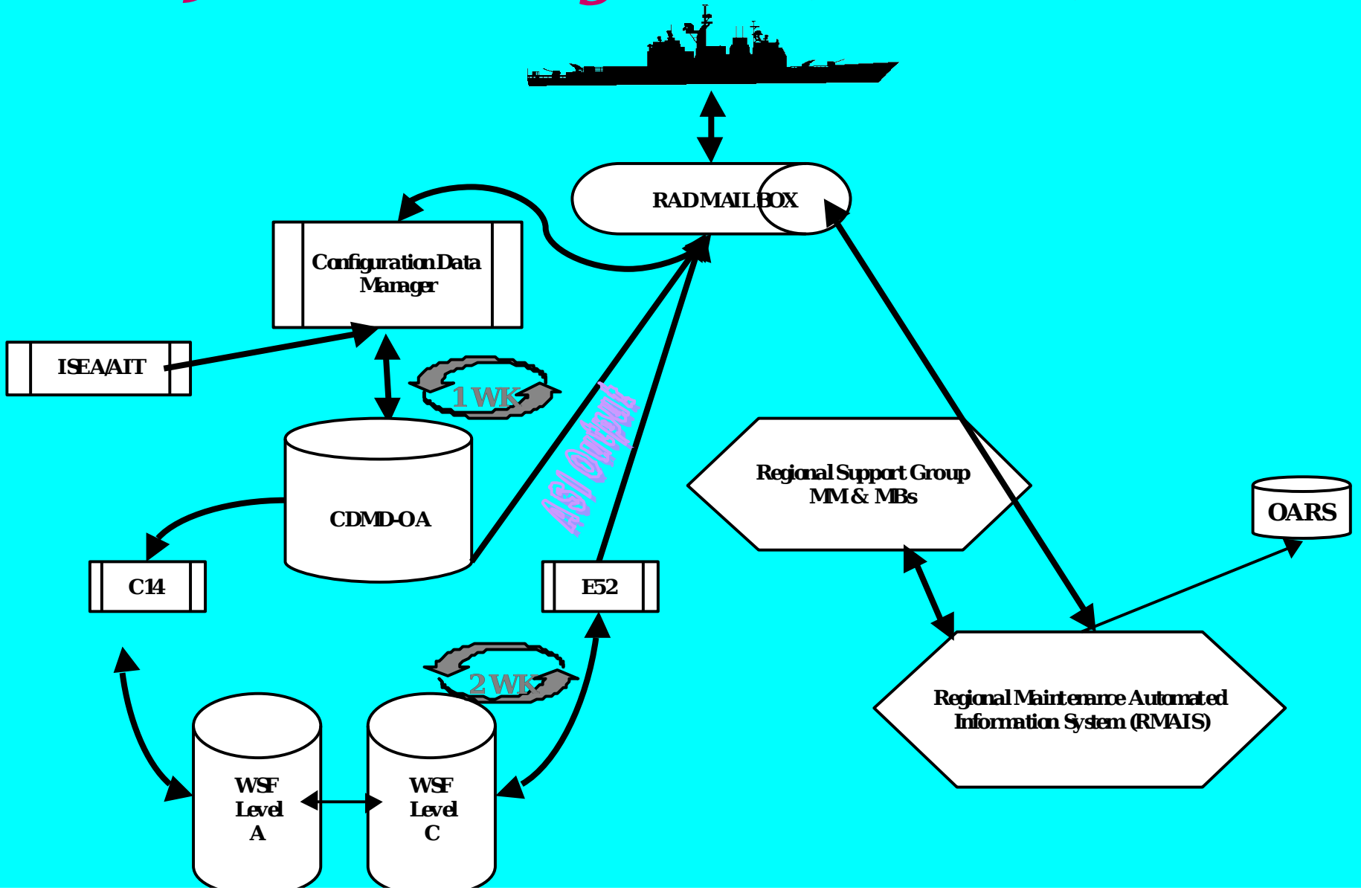
Configuration Management Impacts The Following Items

- Allowance parts list & equipage list
  - APL/AEL/RIC
- Repair parts
- Technical manuals
- Drawings
- Preventative maintenance

Ships Configuration
&
Logistics Information System

SCLSIS

Ships Configuration & Logistics Support Information System (SCLSIS)



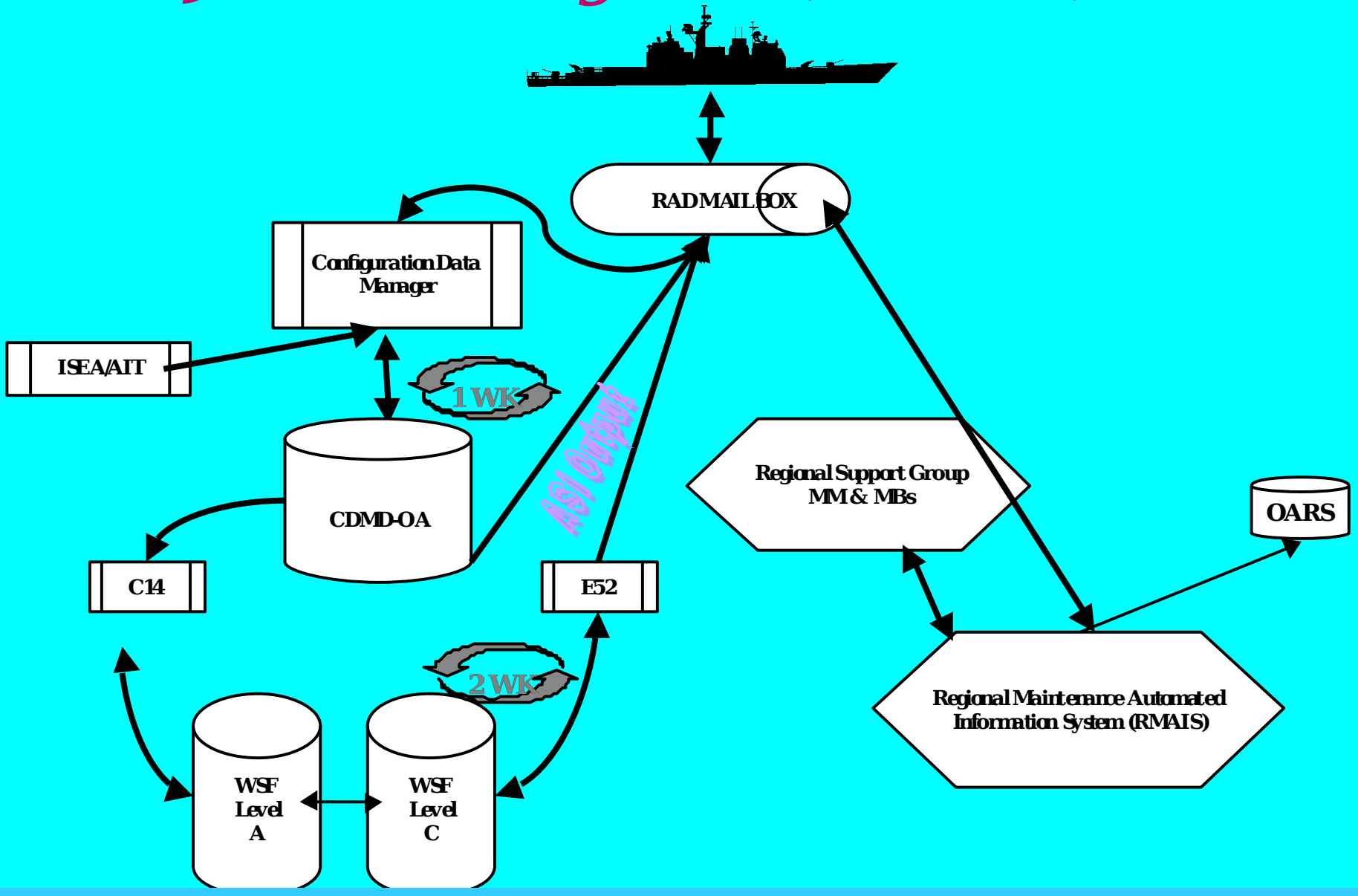
COSAL Theory

- SPCCINST 4441.170 (Gold Book)
- Maintenance & supply document
  - Authoritative integrated logistic support document
  - Contains repair parts/special tools
- Ships selected records
  - Selected record drawings
  - Selected record data
  - Allowance documents

Provisioning Terminology

- Ships configuration & logistic support index & weapon systems file
- Allowance parts list
- Bald allowance parts list (bald APL)
- Allowance equipage list
- Allowances & FLSIP models

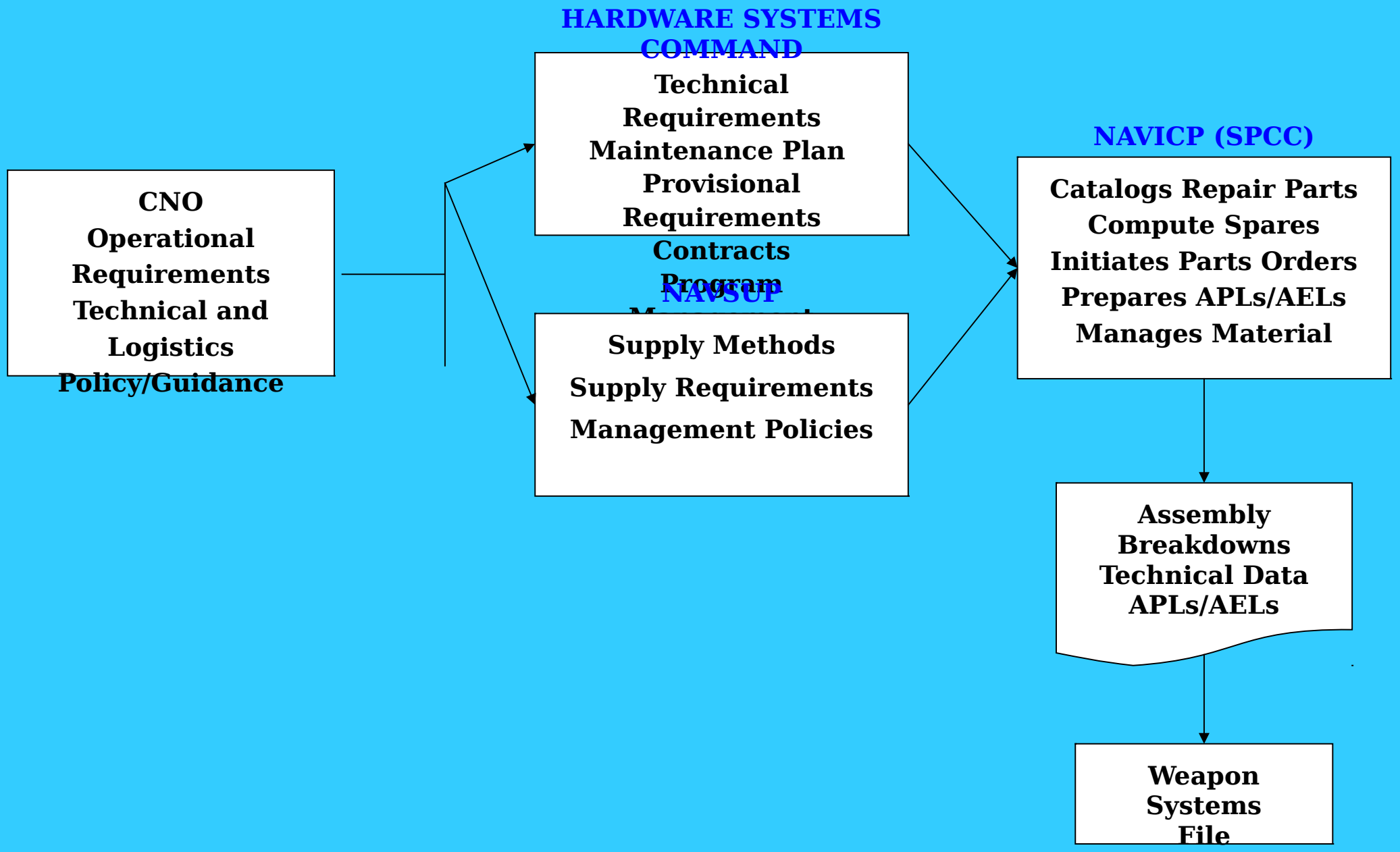
Ships Configuration & Logistics Support Information System (SCLSIS)



Initial Provisioning Cycle

- Lead allowance APLs
- Players
  - CNO
  - Hardware systems commands
  - NAVSUP
  - NAVICP (SPCC)

System Equipment Provisioning



Material Identification



Basic information

Material Identification

- Equipage
- Repair parts
- Consumables
- Repairables
- Depot level repairables
- Field level repairables
- Turn to page 2-6

Equipment Identification

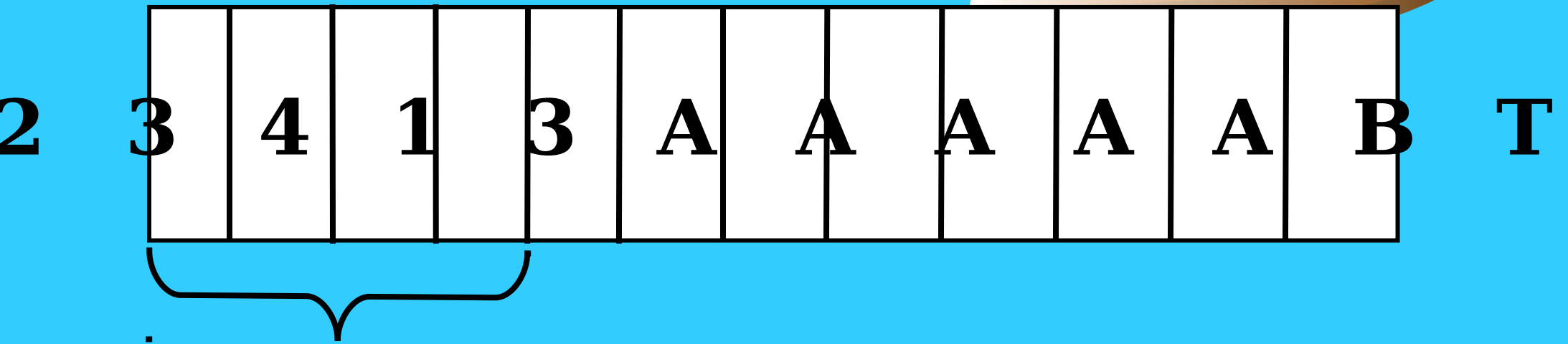
- Miscellaneous sources of identification
- Serial numbers: provide specific identification
- Name plate data: preferred method of id
- Drawing numbers:
  - Can provide method of identification when all other resources have been exhausted
- Markings (valve marks etc.)

Equipment Identification

- Miscellaneous sources of identification
- Electronic material: joint electronic type designations (JETDs) nomenclature
- Ordnance material: mark & modification #, drawing #, & piece #
- Contractor’s service bulletins: may contain part #s, nomenclature, & manufactures
- Naval ships’ technical manual

Hierarchical Structure Code

HSC



(SWAB) Ship's Work Authorization Boundary

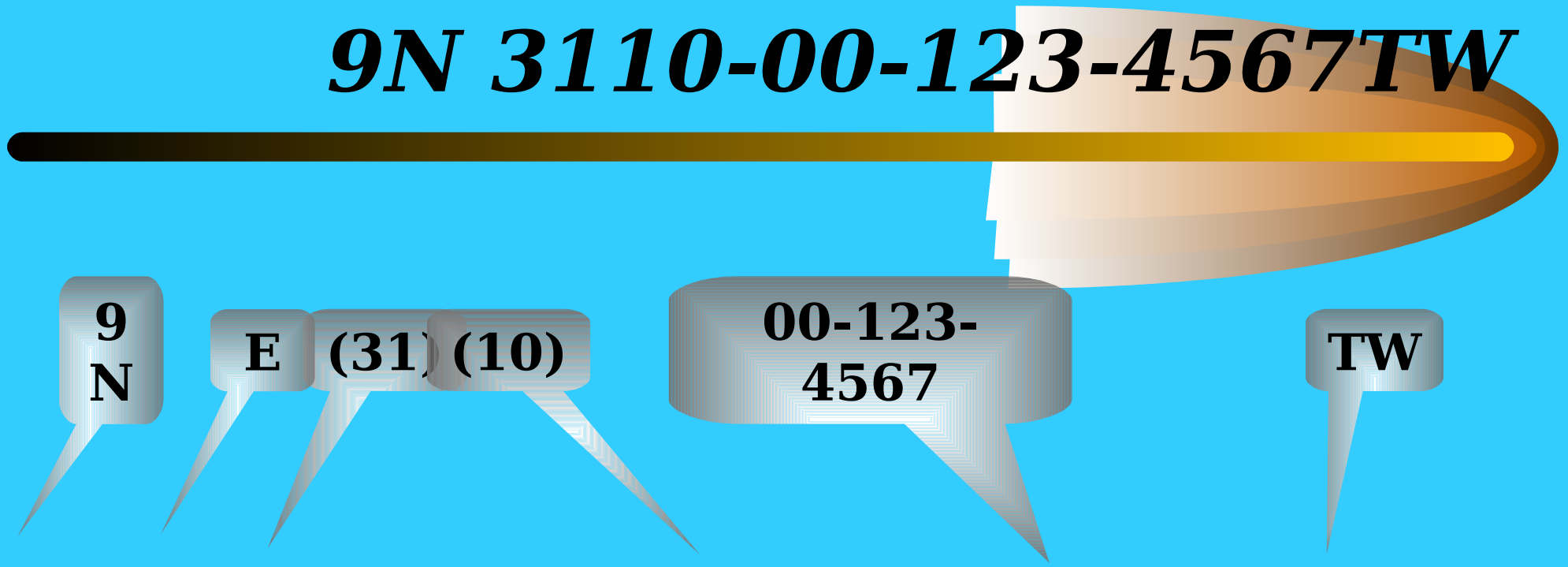
A four digit functional indenturing system which develops boundaries to support the maintenance and repair needs of the industrial availability of operational ships

Material Identification

- Cognizance Of navy material (COG)
  - 7 COG material
  - HEX-GQ material control codes (MCC)
  - Even COG material
- Material
- Equipment
- Support equipment

National Stock # Format

9N 3110-00-123-4567TW



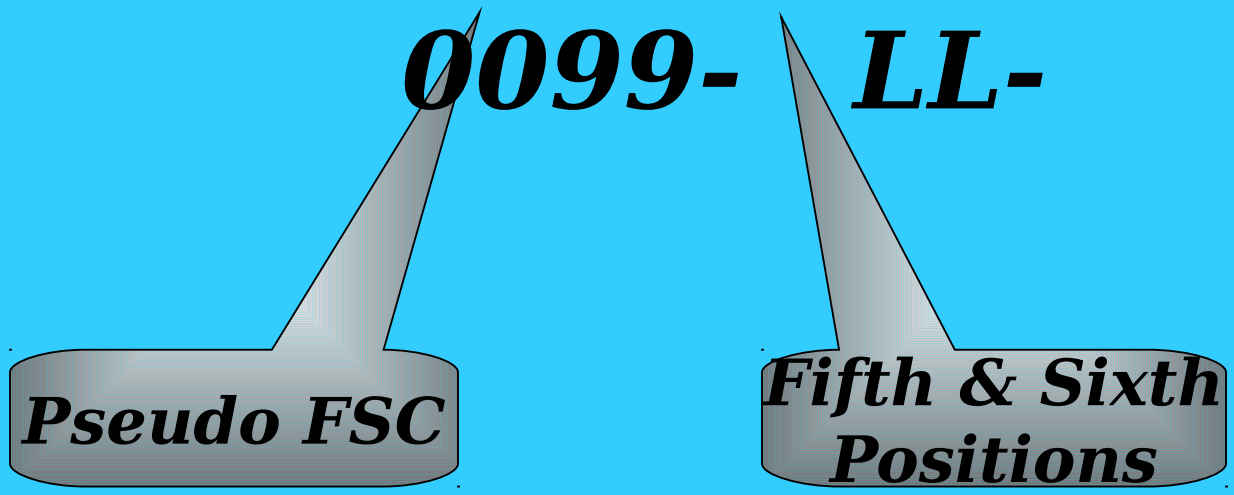
COG MCC FSC FSC National Special Matl.

Group Class Item ID ID

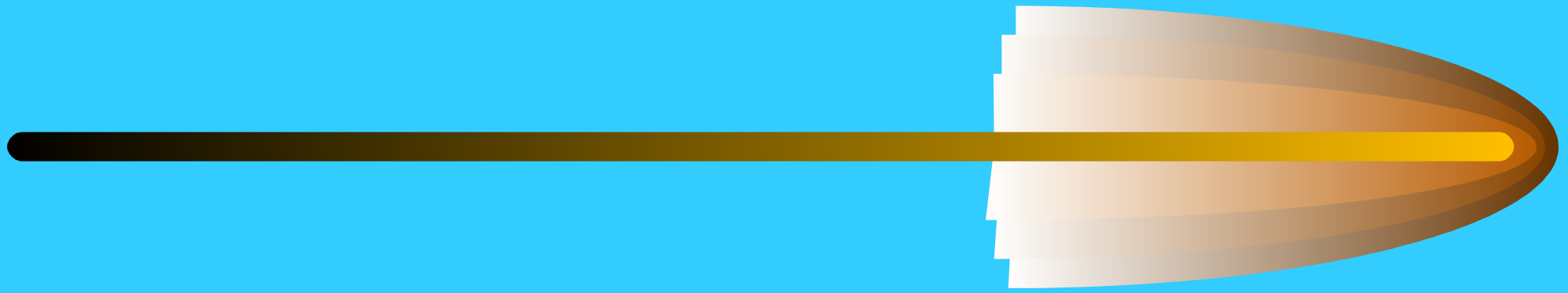
Code

Temporary Navy Item Control Number

0099- LL- 123-4567



NICNs with “LL” in the fifth and sixth positions and a pseudo FSC of “0099” or actual FSC are assigned by NAVICP for temporary identification and control of selected non -NSN items pending assignment of NSNs by the Defense Logistics Service Center (DLSC), Battle Creek, Michigan. T-NICNs may be reflected in APLs and within SNAP but may not be updated with future ASI processing.



Introduction to SNAP Computer Systems, Hardware & Software

SNAP Computer Systems, Hardware & Software

- Snap I
  - Honeywell systems
    - SUADPS
    - OMMS
- Snap II
    - Old Harris systems
    - Software SFM & MDS

SNAP Computer Systems, Hardware & Software

- Snap III
  - Sometimes referred to as ported SNAP, definition of SNAP III is any ported TAC-BOX with a LAN
  - Software SUADPS & OMMS for CVs, LHAs & Tenders
  - Software SFM & MDS for all other afloat units

SNAP Computer Systems, Hardware & Software

- Snap-in-a-box (SIAB)
  - Consist of TAC-BOX without a LAN. This was an interim Y2K fix for the SNAP II Harris systems that are not Y2K compliant
  - Software SFM & MDS
- Micro-snap
  - Any micro computer
  - Software SFM & MDS/ somewhat different than ported

SNAP Computer Systems, Hardware & Software

- Next generation of SNAP “OPTIMIZE”
  - Software consist of :
  - Relational supply (R-Supply)
  - Organizational maintenance management system new generation (OMMS-NG)
  - Relational admin (R-Admin)

Coordinated Shipboard Allowance List



COSAL part I

Coordinated Shipboard Allowance List (COSAL)

- Purpose
  - Enable ship to have maximum self-supporting capability
- Authority OPNAV instruction 4441.12 series
- General COSAL prepared for an individual ship which list:
    - Equipment & components necessary to perform operational assignment

Coordinated Shipboard Allowance List (COSAL)

Purpose of the COSAL: To enable the ship to have a maximum, self-supporting capability for an extended period of time. The COSAL establishes the shipboard material support for installed and portable equipment and provides a list of the equipment required for a ship to perform its operational mission.

Authority. The COSAL is generated under the authority contained in OPNAV Instruction 4441.12 Series

General. The COSAL is a document prepared for an individual ship which lists:

1. The equipment or components required for the ship to perform its operation assignment.

2.The repair parts and special tools required for the operation, overhaul and repair of those equipments.

3.The miscellaneous portable items necessary for the care

Coordinated Shipboard Allowance List (COSAL)

- General
  - COSAL prepared for an individual ship based on ship's equipment configuration which lists:
    - The repair parts and special tools required for the operation, overhaul, and repair of those equipments
    - Miscellaneous portable items necessary for the care and upkeep of the ship

COSAL & Shipboard Non-tactical ADP Program (SNAP)

Coordinated Shipboard Allowance List (COSAL)

- COSAL made up of three parts
  - Part I consist of a listing of the applicable APLs /AELs for the ship
  - Part II consist of the actual APL/AELs with all of the associated piece parts
  - Part III consist of the allowance information

APL/AEL Identification

- APL naming/numbering conventions:
  - Electronic APLs = 8 characters
  - HM&E APLs = 9 characters
    - Lowest HM&E APL will start with 01
  - Ordnance APLs = 9 characters
    - Ordnance APLs begin with 00
  - ORDALT APLs = 10 characters
    - ORDALT APLs begin with 0R

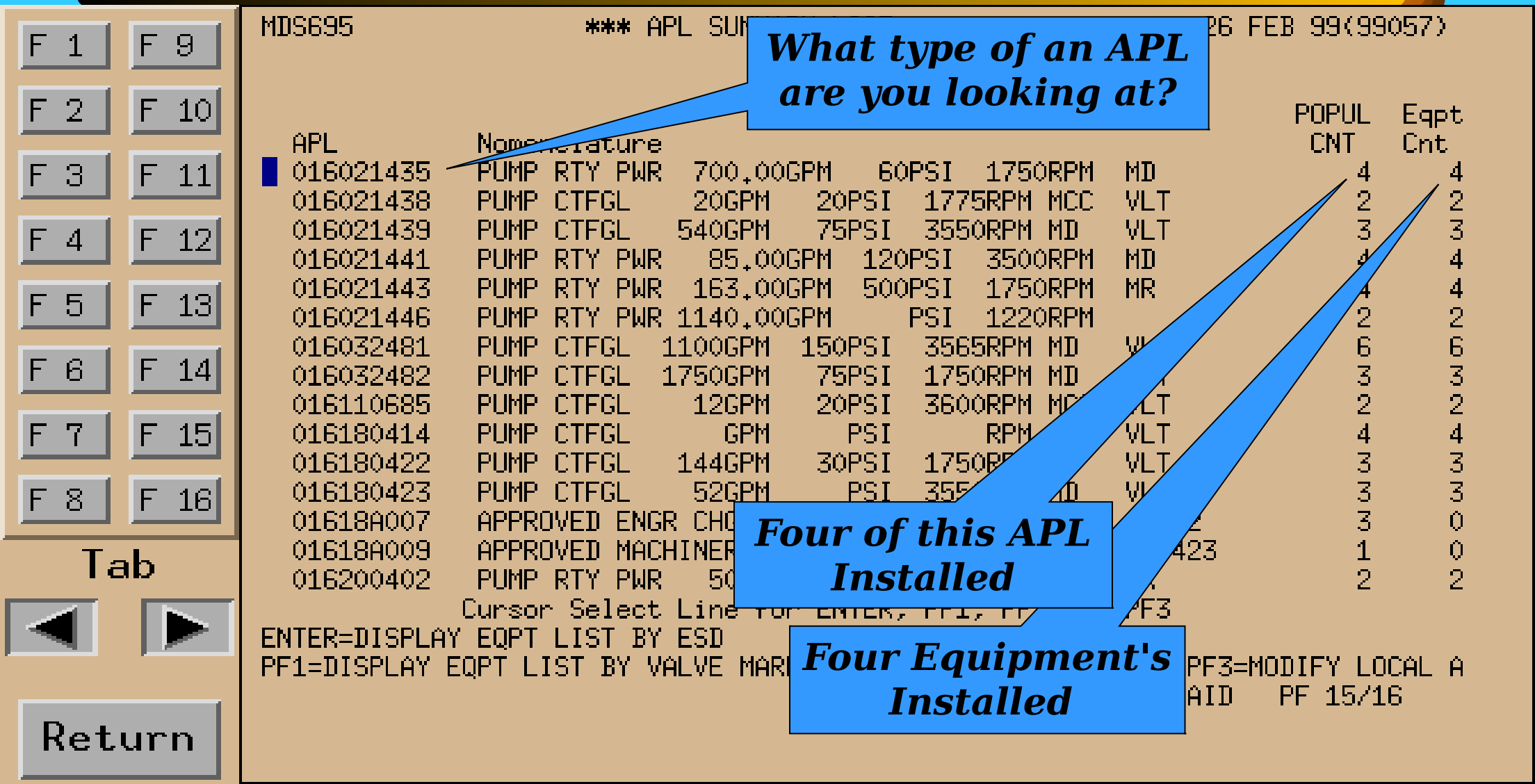
APL/AEL Identification

- APL naming/numbering conventions:
  - Prefix codes
    - MB828477
    - X6003601U14
  - Suffix codes
    - 78483886SA
    - 79551208FA
    - 00028876CL
    - Turn to page C-11

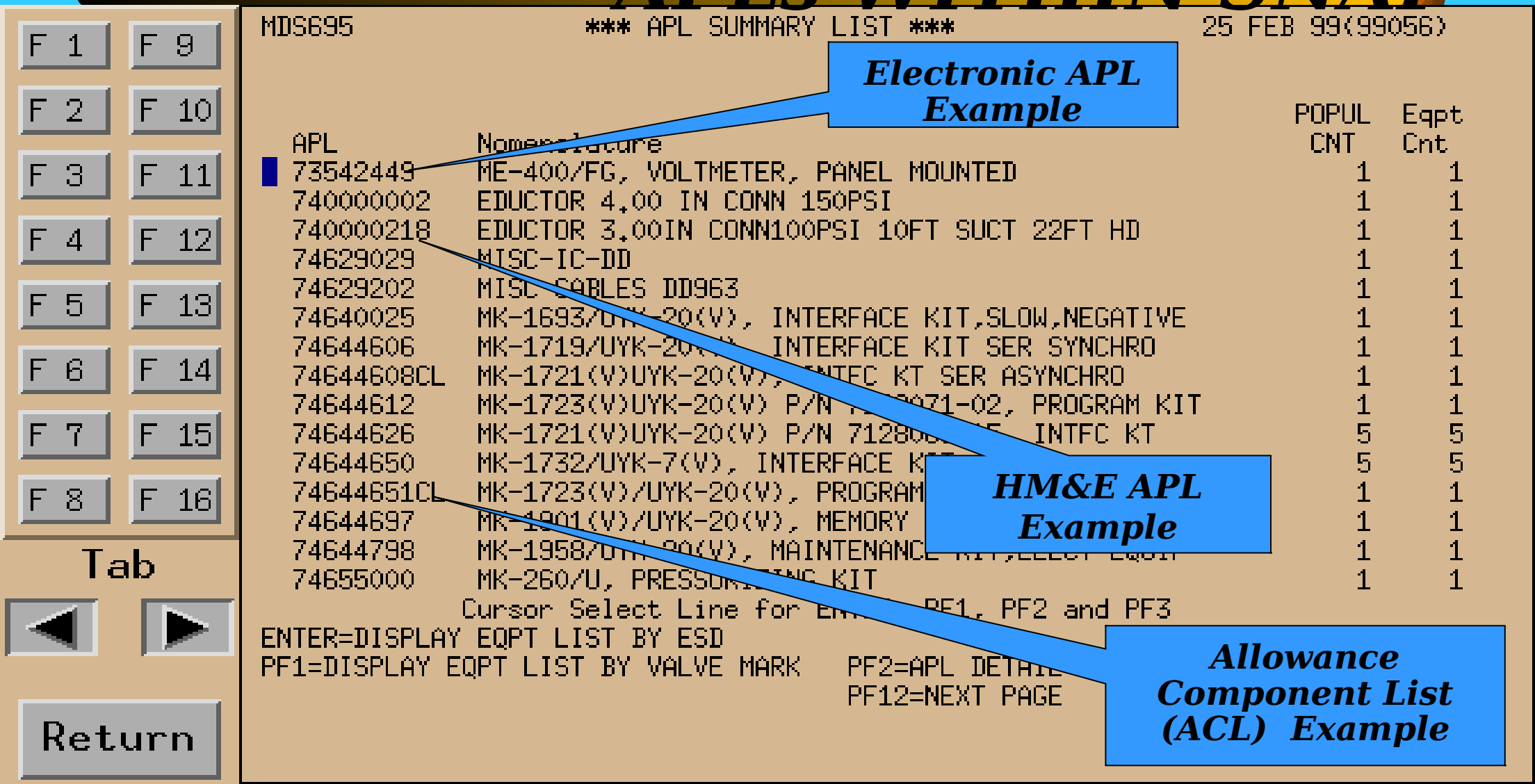
APL/AEL Identification

- APL naming/numbering conventions:
  - 2-150004058
  - R2087531
  - 05EN045R1
  - MC002153

Equivalent To COSAL Part I


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS695
*** APL SU
26 FEB 99(99057)
What type of an APL are you looking at?
APL
Nomenclature
POPUL CNT
Eqpt Cnt
016021435 PUMP RTY PWR 700.00GPM 60PSI 1750RPM MD 4 4
016021438 PUMP CTFGL 20GPM 20PSI 1775RPM MCC VLT 2 2
016021439 PUMP CTFGL 540GPM 75PSI 3550RPM MD VLT 3 3
016021441 PUMP RTY PWR 85.00GPM 120PSI 3500RPM MD 4 4
016021443 PUMP RTY PWR 163.00GPM 500PSI 1750RPM MR 4 4
016021446 PUMP RTY PWR 1140.00GPM PSI 1220RPM 2 2
016032481 PUMP CTFGL 1100GPM 150PSI 3565RPM MD 6 6
016032482 PUMP CTFGL 1750GPM 75PSI 1750RPM MD 3 3
016110685 PUMP CTFGL 12GPM 20PSI 3600RPM 2 2
016180414 PUMP CTFGL GPM PSI RPM VLT 4 4
016180422 PUMP CTFGL 144GPM 30PSI 1750 VLT 3 3
016180423 PUMP CTFGL 52GPM PSI VL 3 3
01618A007 APPROVED ENGR CH 3 0
01618A009 APPROVED MACHINER 423 1 0
016200402 PUMP RTY PWR 5 2 2
Four of this APL Installed
Cursor Select Line for ENTER, PF1, PF
PF3
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MAR
PF3=MODIFY LOCAL A
AID PF 15/16
Four Equipment's Installed

HM&E ELECTRONIC & ALLOWANCE COMPONENT LIST APLs WITHIN SNAP

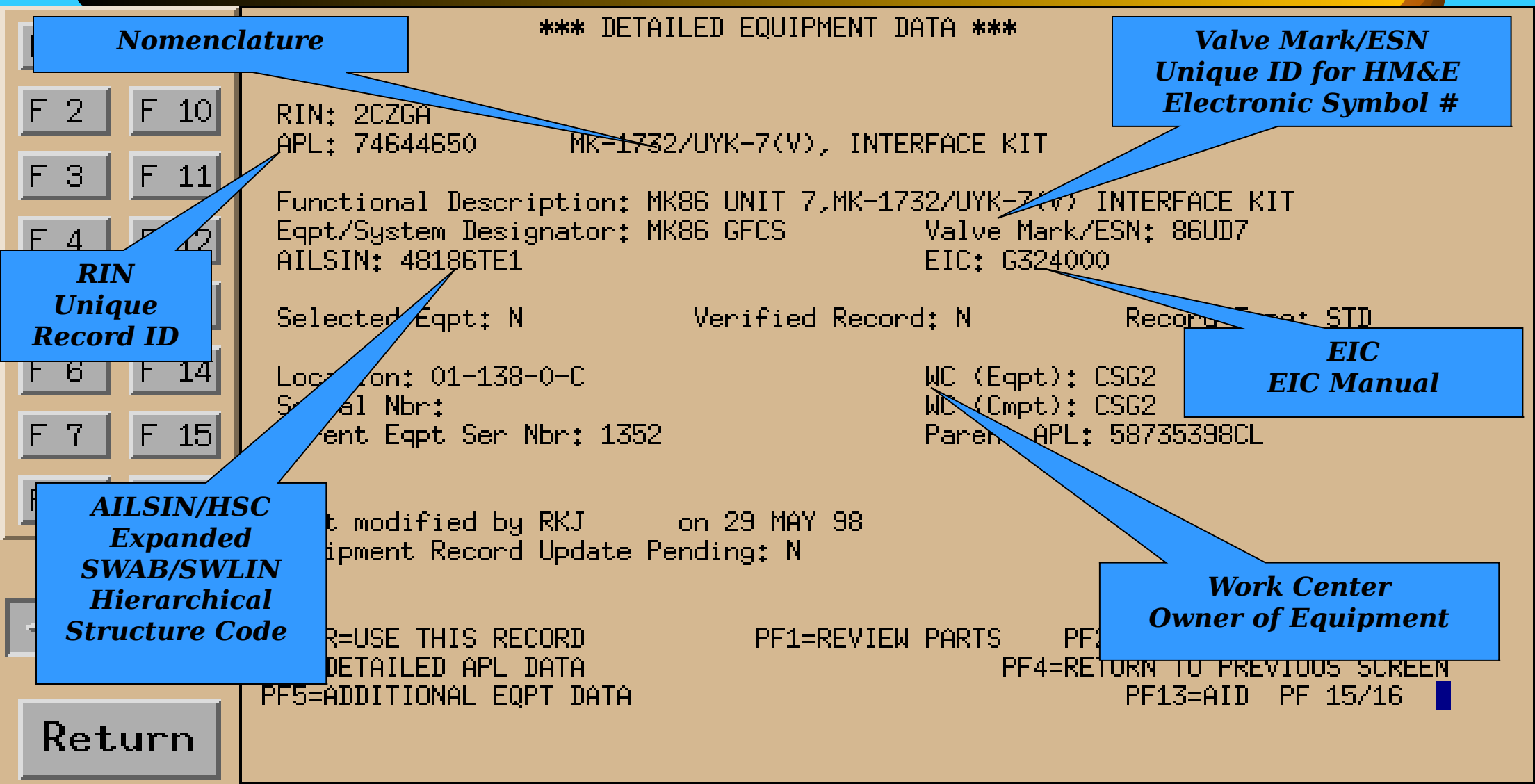

F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS695 *** APL SUMMARY LIST *** 25 FEB 99(99056)
APL Nomenclature POPUL CNT Eqpt Cnt
73542449 ME-400/FG, VOLTMETER, PANEL MOUNTED 1 1
740000002 EDUCTOR 4.00 IN CONN 150PSI 1 1
740000218 EDUCTOR 3.00IN CONN100PSI 10FT SUCT 22FT HD 1 1
74629029 MISC-IC-DD 1 1
74629202 MISC CABLES DD963 1 1
74640025 MK-1693/UYK-20(V), INTERFACE KIT,SLOW,NEGATIVE 1 1
74644606 MK-1719/UYK-20(INTERFACE KIT SER SYNCHRO 1 1
74644608CL MK-1721(V)UYK-20(V), INTFC KT SER ASYNCHRO 1 1
74644612 MK-1723(V)UYK-20(V) P/N 71 71-02, PROGRAM KIT 1 1
74644626 MK-1721(V)UYK-20(V) P/N 7128 INTFC KT 5 5
74644650 MK-1732/UYK-7(V), INTERFACE K 5 5
74644651CL MK-1723(V)/UYK-20(V), PROGRAM 1 1
74644697 MK-1901(V)/UYK-20(V), MEMORY 1 1
74644798 MK-1958/UYK-20(V), MAINTENANCE 1 1
74655000 MK-260/U, PRESSURIZING KIT 1 1
Cursor Select Line for EN PF1, PF2 and PF3
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK PF2=APL DETAIL
PF12=NEXT PAGE

Electronic APL Example

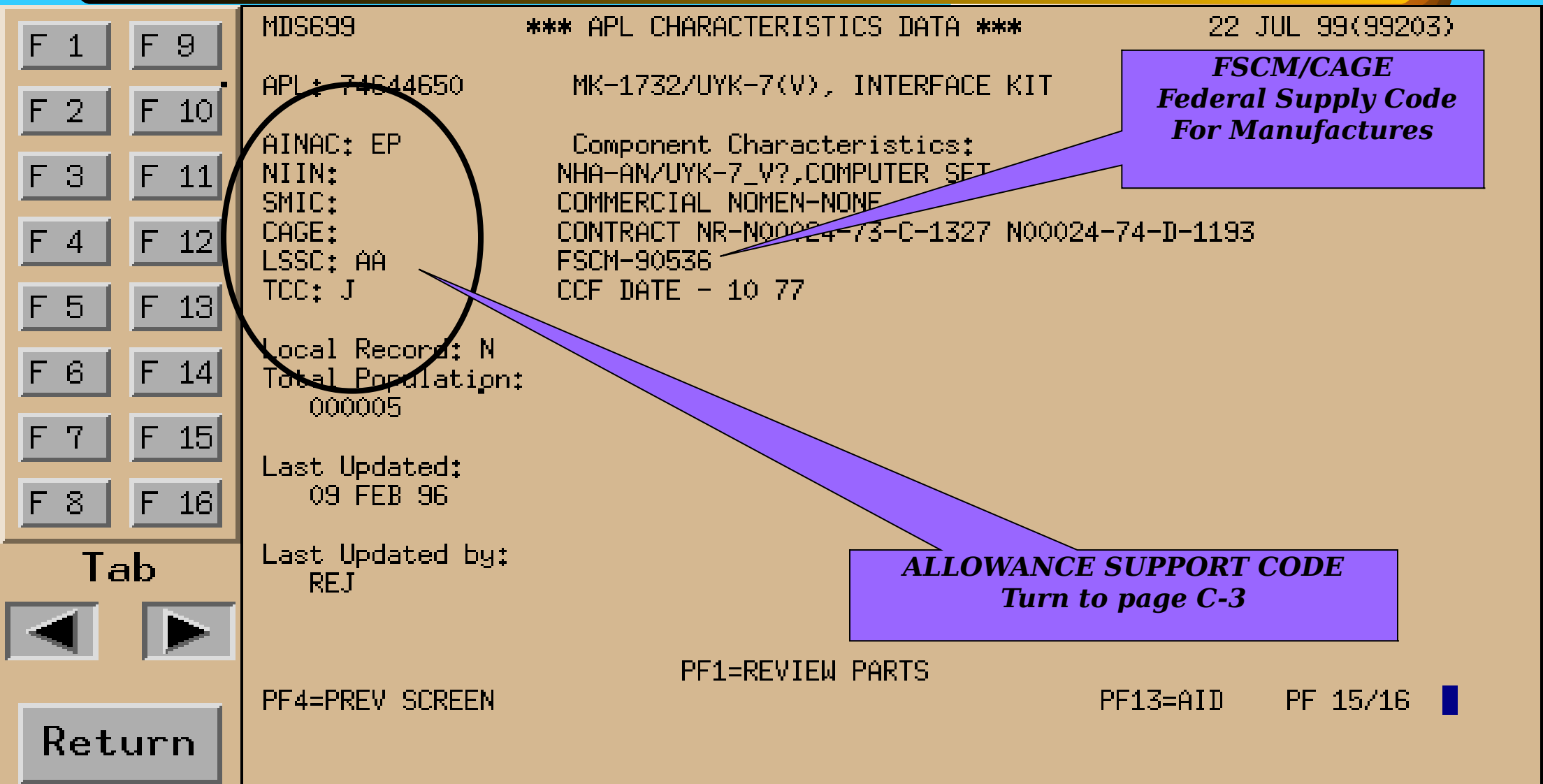
HM&E APL Example

Allowance Component List (ACL) Example

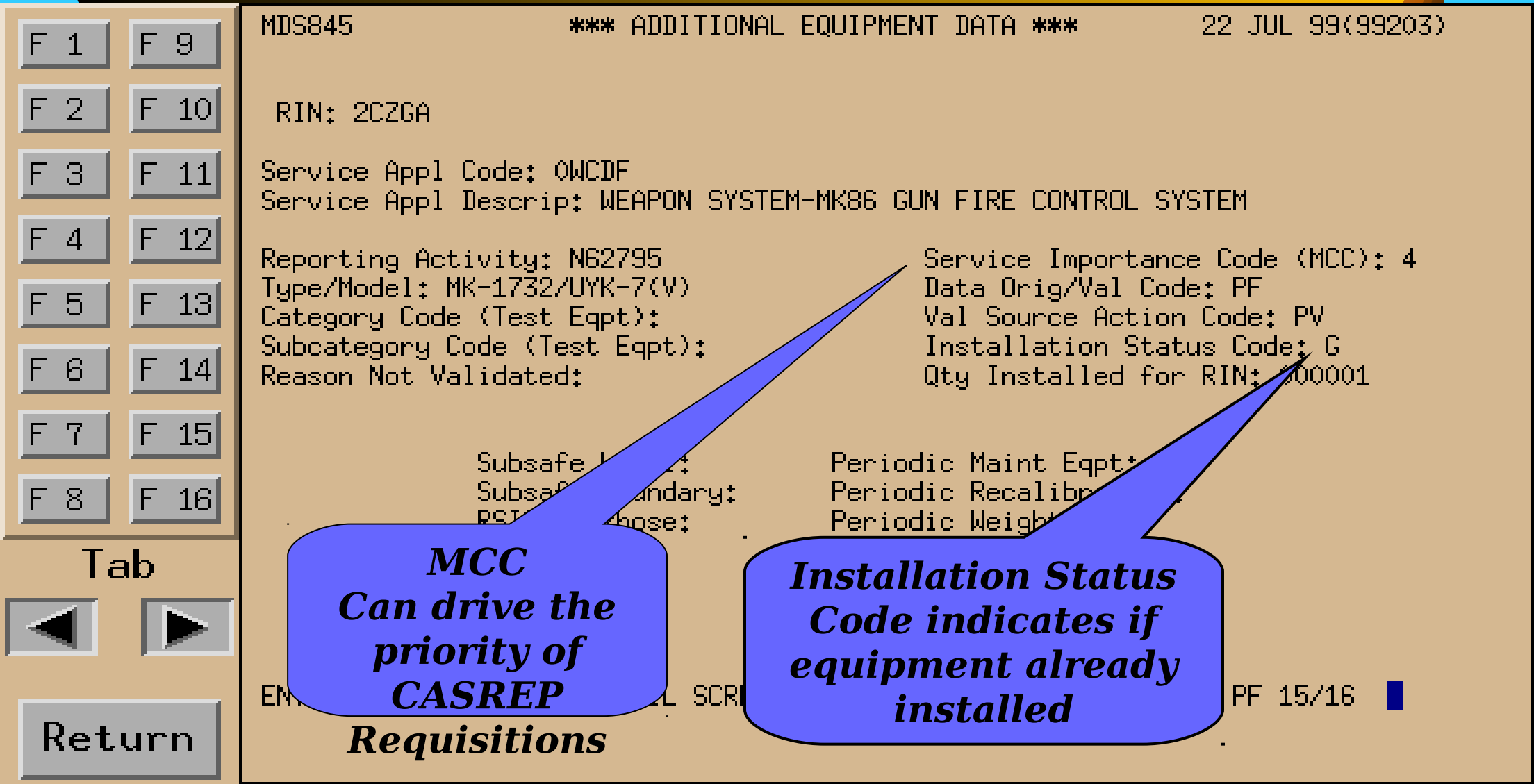
Example Of Snap Equipment Record



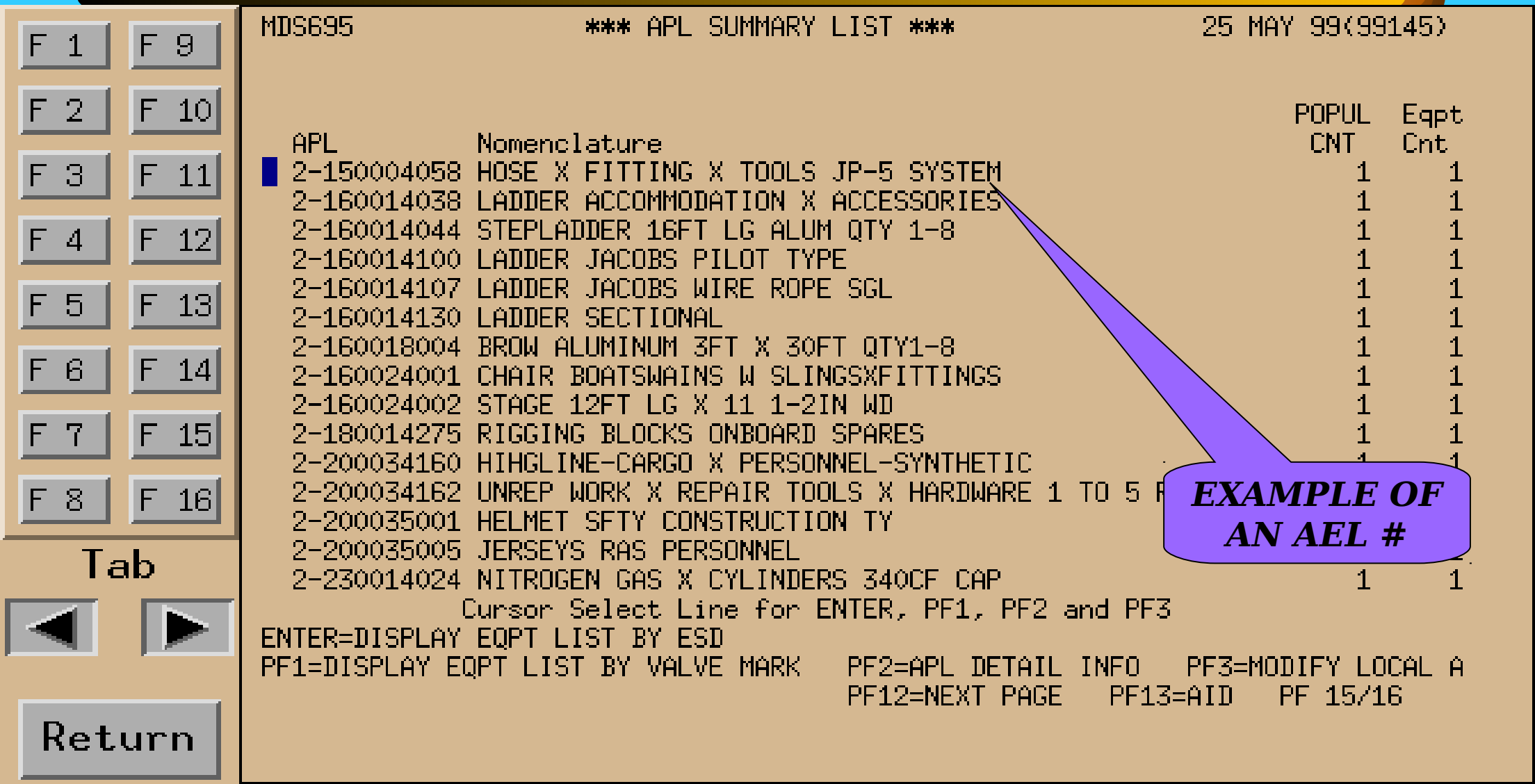
APL Characteristics Data



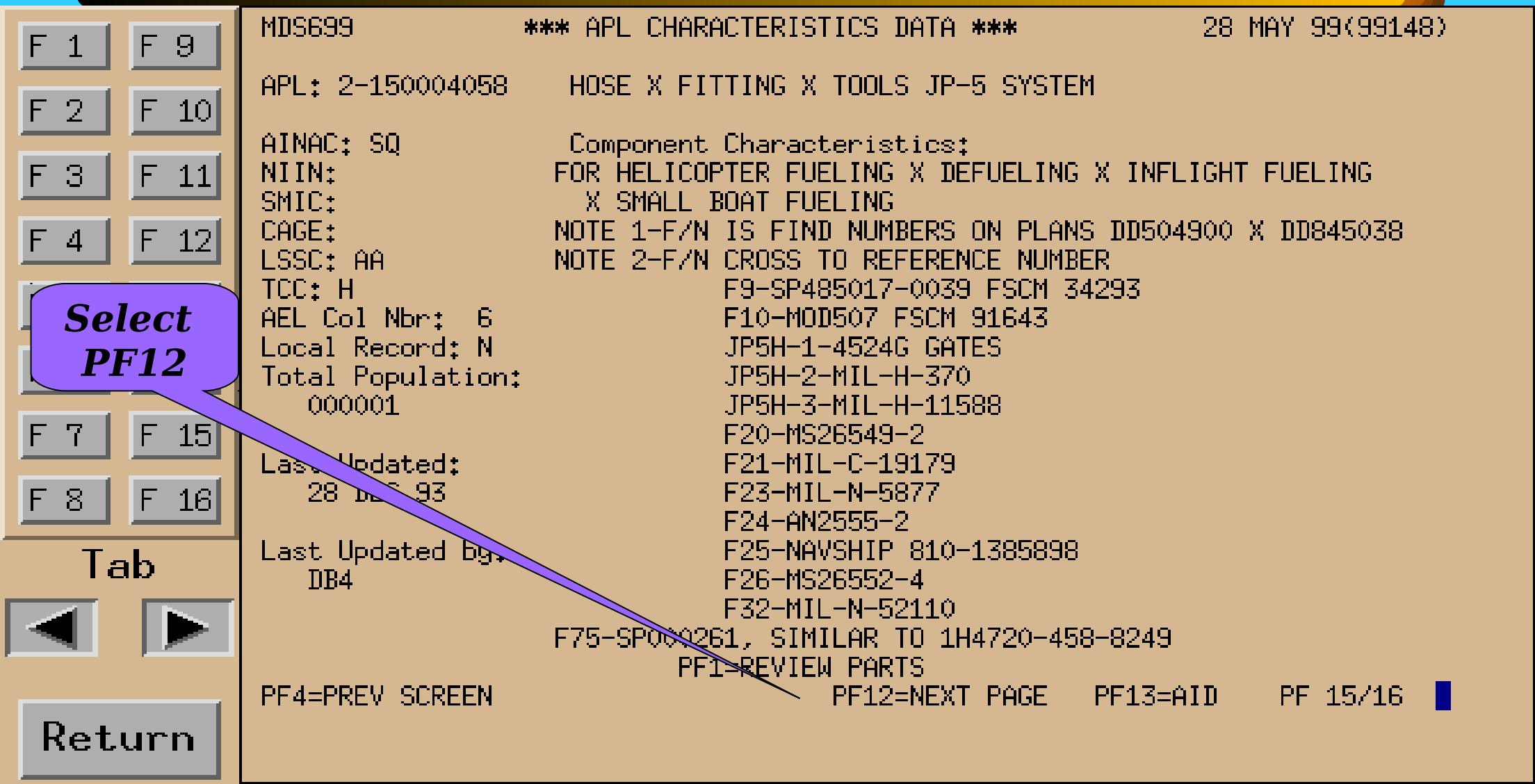
Snap Information Equivalent To COSAL Part I&ii



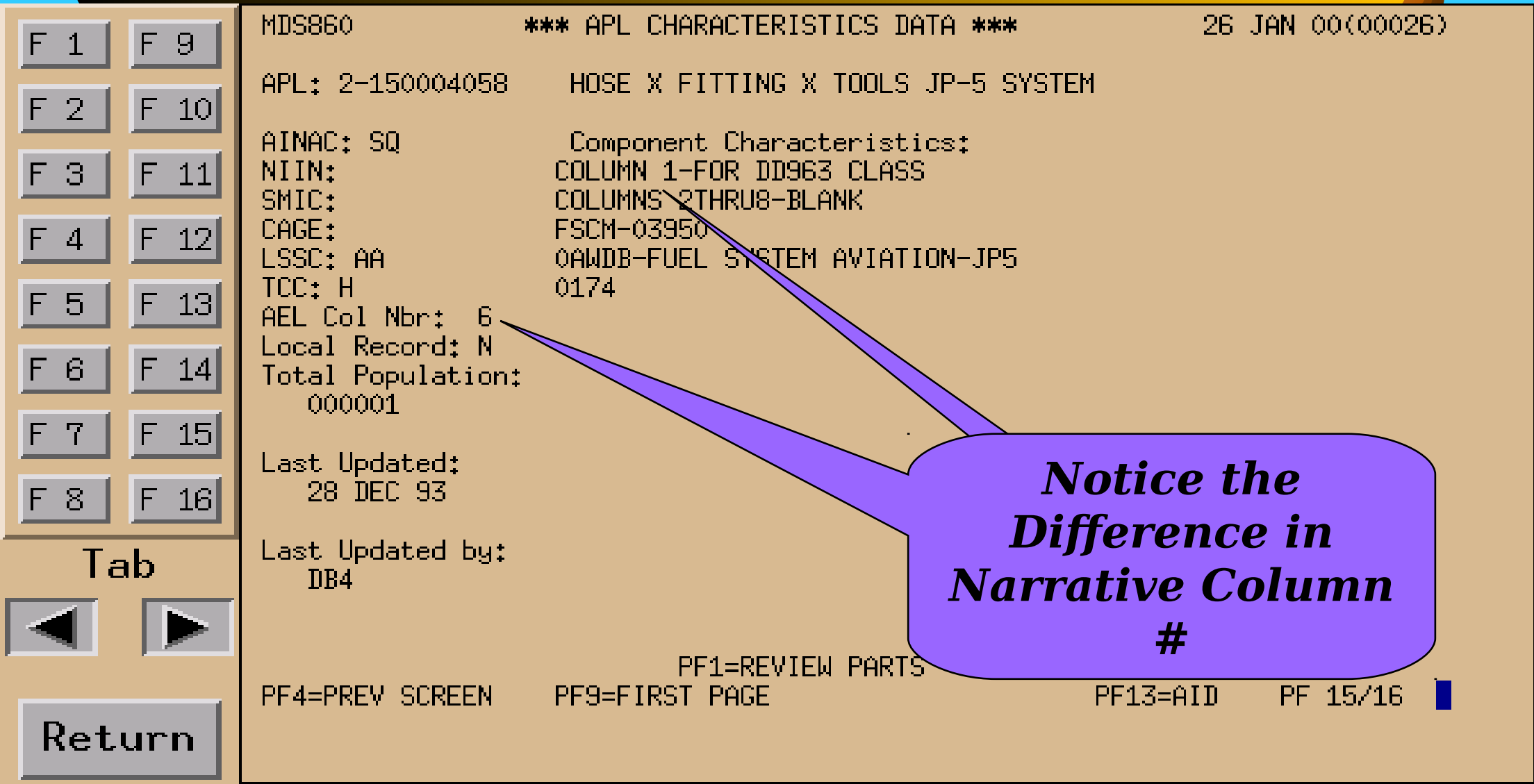
AEL # Snap Equivalent To COSAL Part I


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS695 *** APL SUMMARY LIST *** 25 MAY 99(99145)
APL Nomenclature POPUL CNT Eqpt Cnt
2-150004058 HOSE X FITTING X TOOLS JP-5 SYSTEM 1 1
2-160014038 LADDER ACCOMMODATION X ACCESSORIES 1 1
2-160014044 STEPLADDER 16FT LG ALUM QTY 1-8 1 1
2-160014100 LADDER JACOBS PILOT TYPE 1 1
2-160014107 LADDER JACOBS WIRE ROPE SGL 1 1
2-160014130 LADDER SECTIONAL 1 1
2-160018004 BROW ALUMINUM 3FT X 30FT QTY1-8 1 1
2-160024001 CHAIR BOATSWAINS W SLINGSXFITTINGS 1 1
2-160024002 STAGE 12FT LG X 11 1-2IN WD 1 1
2-180014275 RIGGING BLOCKS ONBOARD SPARES 1 1
2-200034160 HIHGLINE-CARGO X PERSONNEL-SYNTHETIC
2-200034162 UNREP WORK X REPAIR TOOLS X HARDWARE 1 TO 5
2-200035001 HELMET SFTY CONSTRUCTION TY
2-200035005 JERSEYS RAS PERSONNEL
2-230014024 NITROGEN GAS X CYLINDERS 340CF CAP 1 1
Cursor Select Line for ENTER, PF1, PF2 and PF3
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK PF2=APL DETAIL INFO PF3=MODIFY LOCAL A
PF12=NEXT PAGE PF13=AID PF 15/16
EXAMPLE OF AN AEL #

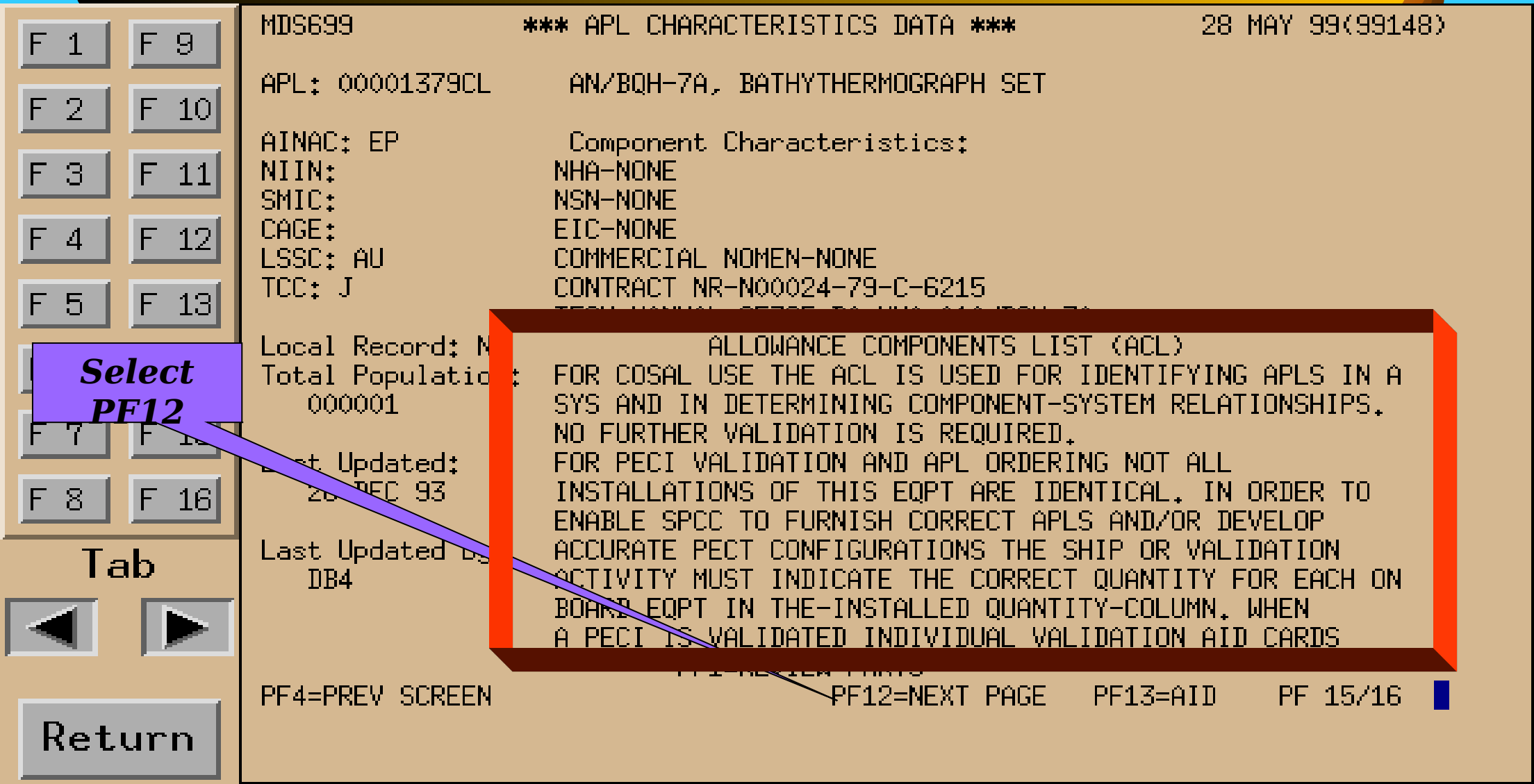
AEL Characteristics Data Equivalent to COSAL Part II



AEL Characteristics Data Equivalent to COSAL Part II

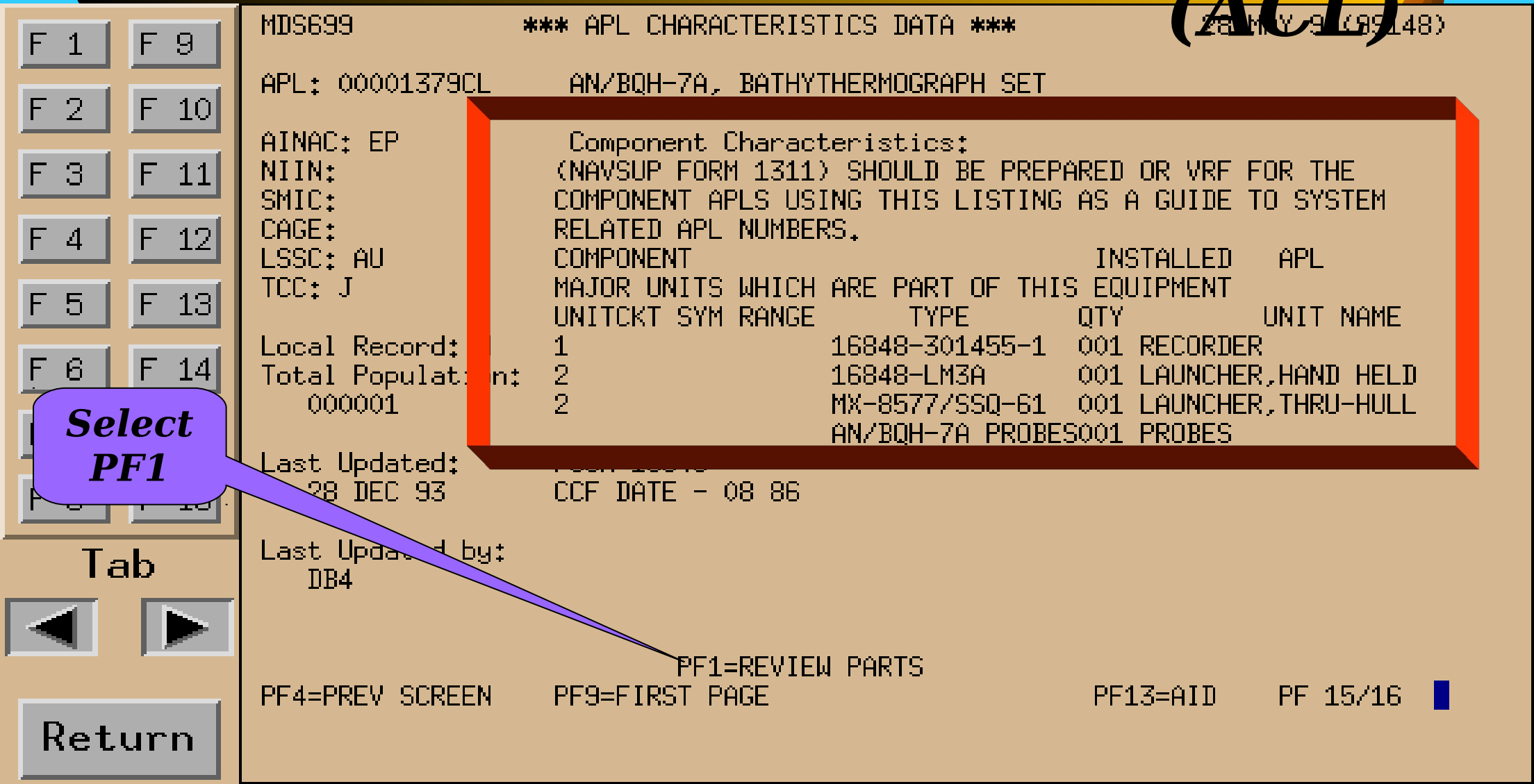


Allowance Component List APL (ACL)

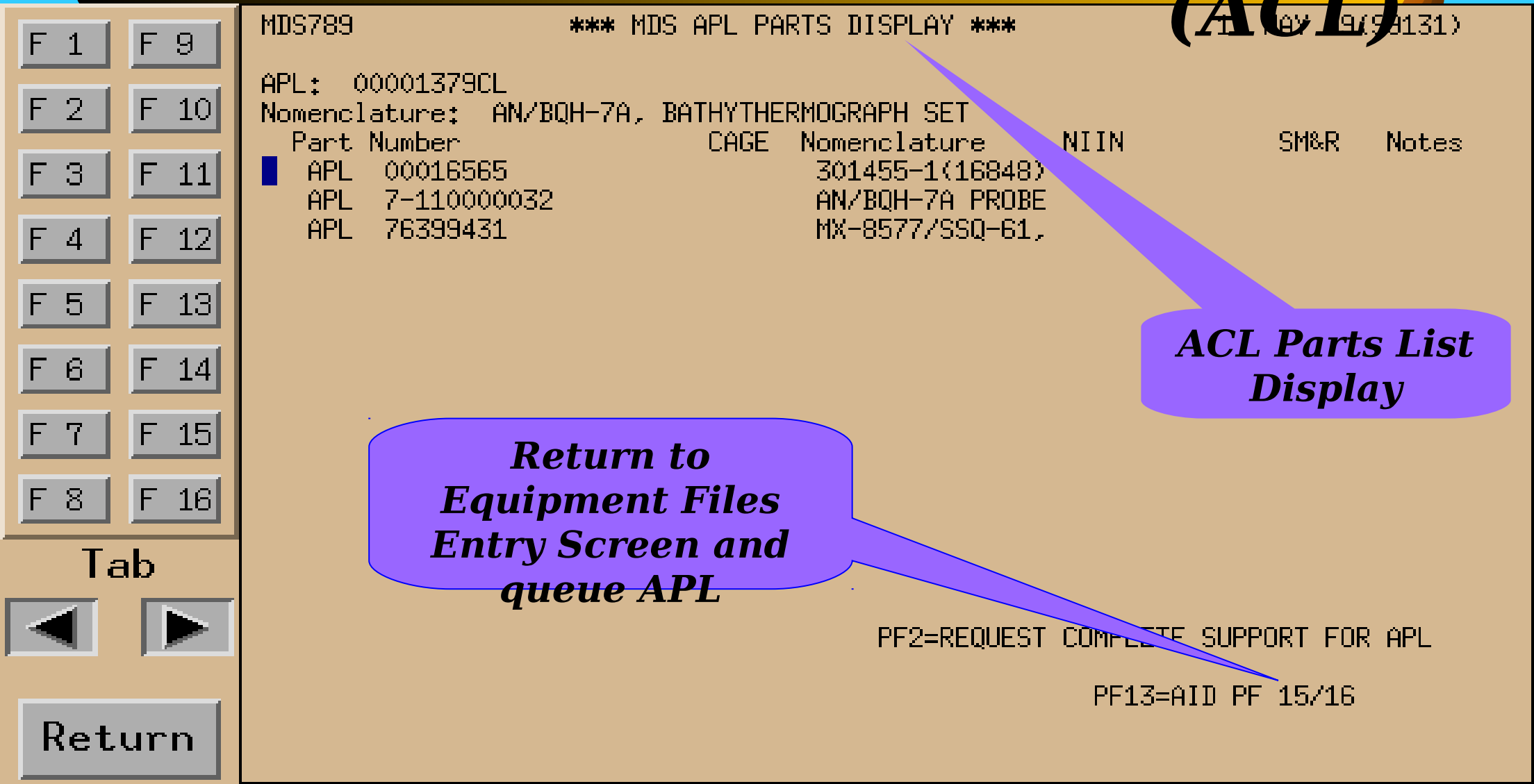


Allowance Component List

APL (ACL)



Allowance Component List APL (ACL)



Wrap Up COSAL Part I

We have shown you the parts of the SNAP COSAL I and we have already show you some of the SNAP screens that are equivalent to the Hard Copy COSAL Part II. We are going to go into more detail in the next section.

We have shown you:

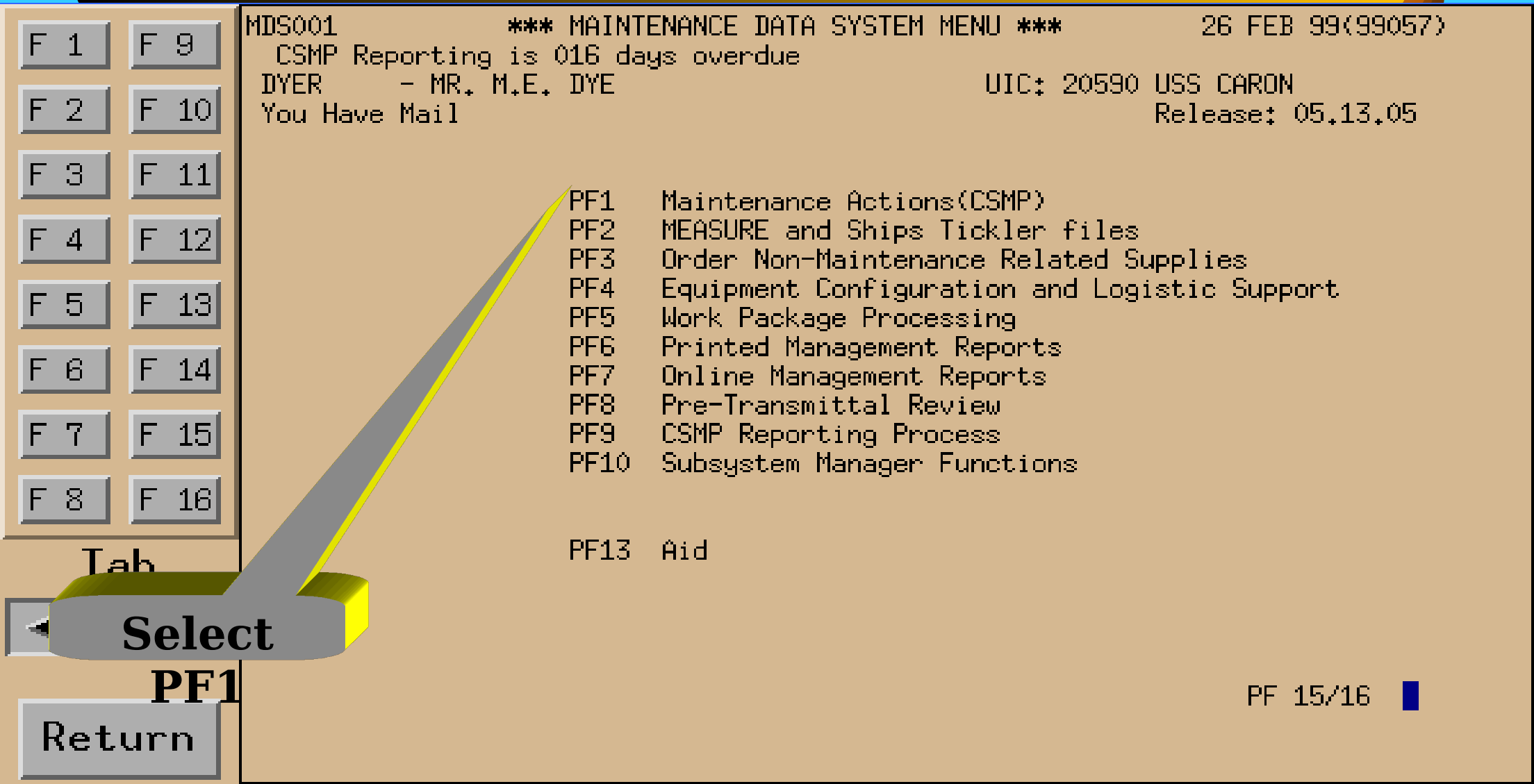
APLs = HM&E, Electronic, ORDALTS,
AELs = Allowance Equipage List
ACLs = Allowance Component List

Coordinated Shipboard Allowance List



COSAL part II

COSAL Part II



COSAL Part II

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS116     *** CHOOSE TYPE OF MAINTENANCE ACTION TO ADD ***  11 MAY 99(99131)

 To add job for an existing equipment, select equipment using PF1 thru PF7
     Partial values may be entered if the exact value is not known.
     If no equipment ID is known, leave all blanks and select PF1.

          PF1   Select by System(SWAB/SWLIN): _____
          PF2   Select by APL: 016021435__
          PF3   Select by Equipment/System Designator: _______________
          PF4   Select by Valve Ma  /Elec Symb Nbr: _______________
          PF5   Select by RIN: ____
          PF6   Select by EIC: _____
          PF7   Select by Logistics S  t Data Item
                  Type: ___   Item ID: ____________________________

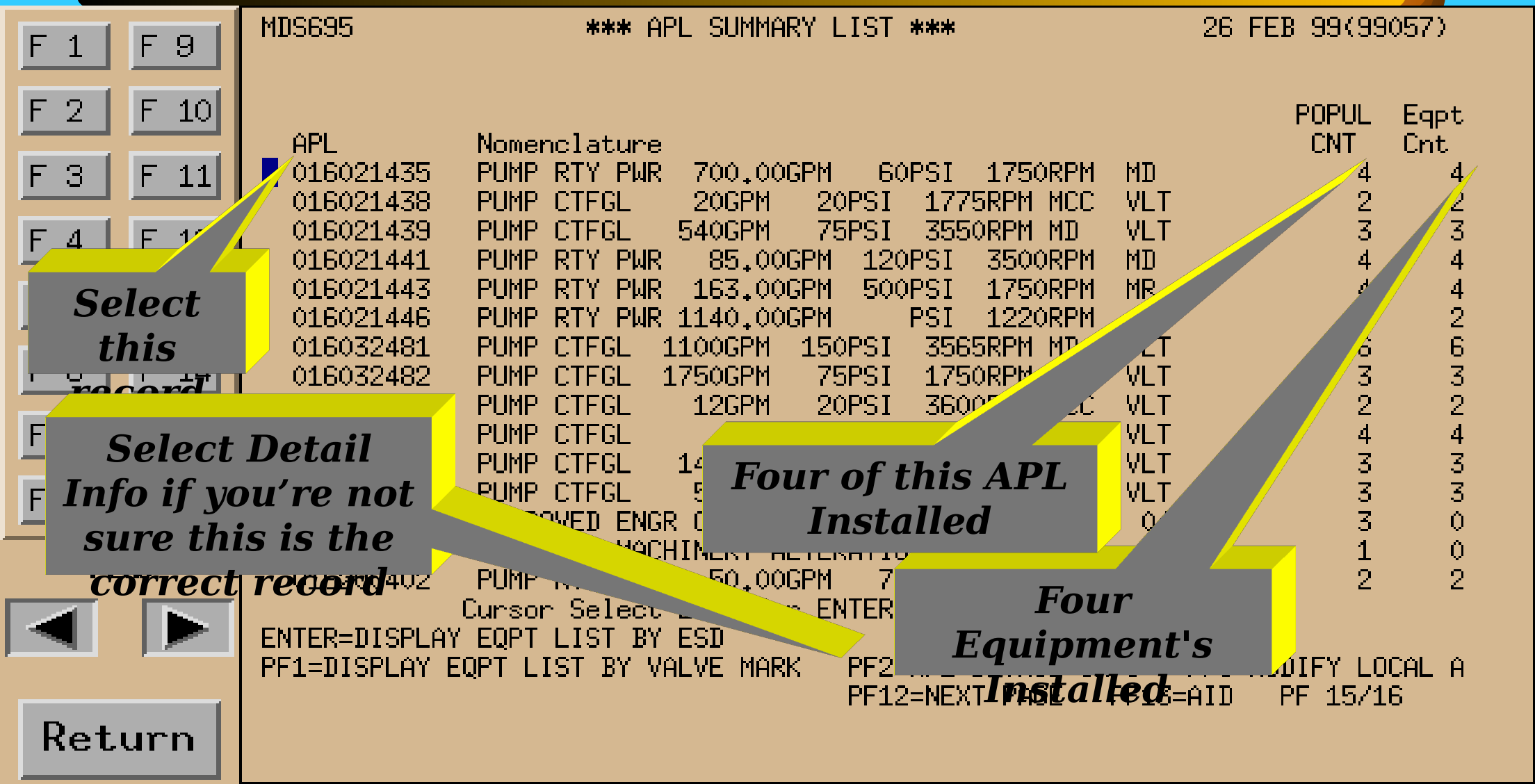
          To add other types of jobs, sel  e appropriate action:
          PF8   Report Installation of an E  nt
          PF9   Add Job Not Related to Equip  nfiguration


          PF13  Aid
```

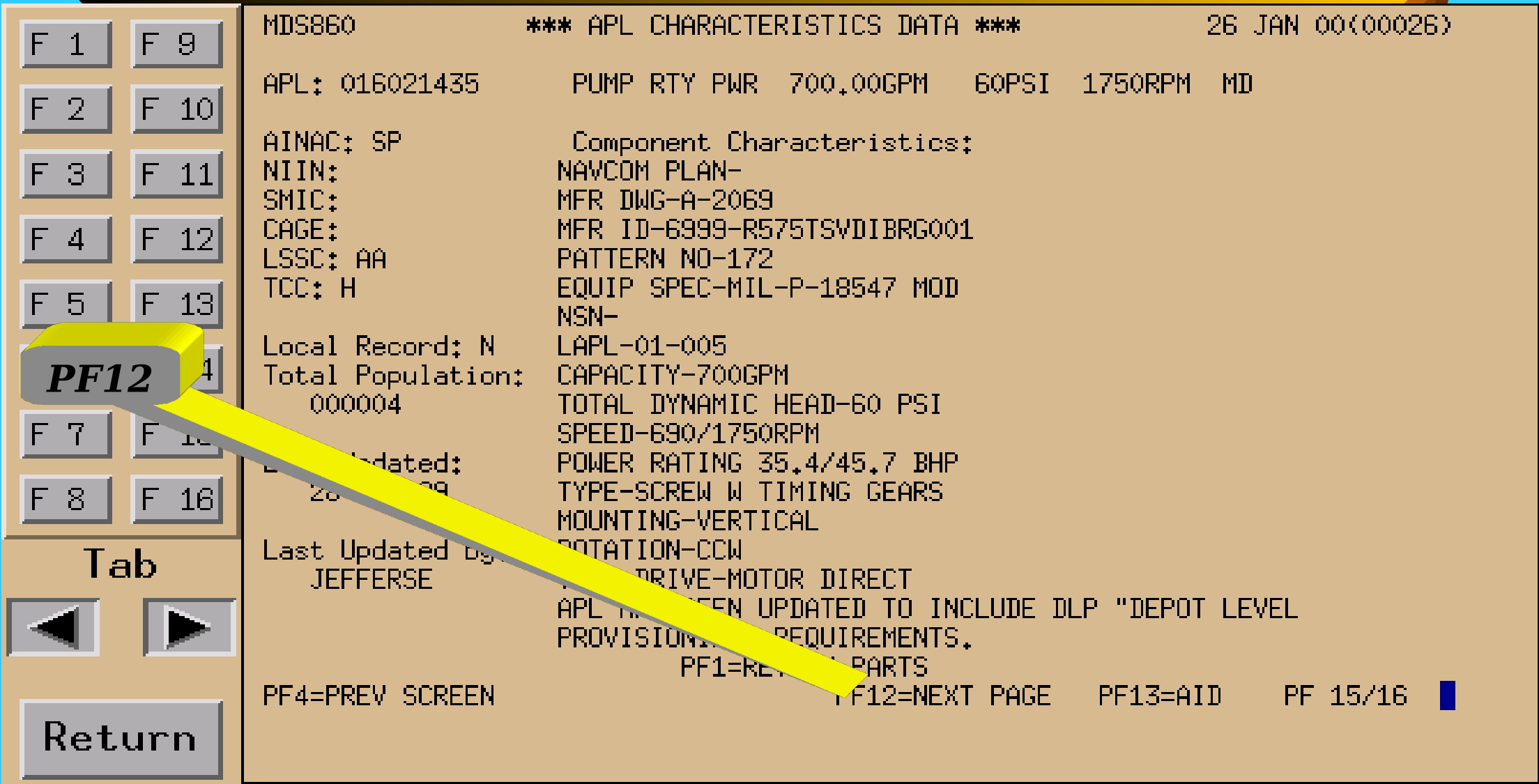
Enter Using APL

PF 15/16

COSAL Part II


F 1
F 9
F 2
F 10
F 3
F 11
F 4
Return
MDS695 *** APL SUMMARY LIST *** 26 FEB 99(99057)
APL Nomenclature POPUL CNT Eqpt Cnt
016021435 PUMP RTY PWR 700.00GPM 60PSI 1750RPM MD 4 4
016021438 PUMP CTFGL 20GPM 20PSI 1775RPM MCC VLT 2 2
016021439 PUMP CTFGL 540GPM 75PSI 3550RPM MD VLT 3 3
016021441 PUMP RTY PWR 85.00GPM 120PSI 3500RPM MD 4 4
016021443 PUMP RTY PWR 163.00GPM 500PSI 1750RPM MR 4 4
016021446 PUMP RTY PWR 1140.00GPM PSI 1220RPM 2
016032481 PUMP CTFGL 1100GPM 150PSI 3565RPM MD LT 6 6
016032482 PUMP CTFGL 1750GPM 75PSI 1750RPM VLT 3 3
PUMP CTFGL 12GPM 20PSI VLT 2 2
PUMP CTFGL VLT 4 4
PUMP CTFGL VLT 3 3
PUMP CTFGL VLT 3 3
3 0
1 0
2 2
Cursor Select ENTER
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK
PF12=NEXT PAGE PF15/16=AID PF 15/16
Select this record
Select Detail Info if you're not sure this is the correct record
Four of this APL Installed
Four Equipment's Installed

COSAL Part II



COSAL Part II

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

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MDS699          *** APL CHARACTERISTICS DATA ***          01 JUN 99(99152)

APL: 016021435      PUMP RTY PWR  700.00GPM   60PSI  1750RPM  MD

AINAC: SP           Component Characteristics:
NIIN:               ASBESTOS PACKING/GASKETS HAVE BEEN REVIEWED AND REMOVED
SMIC:               WHERE APPLICABLE BY NSWCCD-SSES CODE 9452.
CAGE:               FSCM-63857
LSSC: AA            1072
TCC: H

Local Record: N
Total Population:
   000004

Last Updated:
   28 JAN 99

Last Updated by:
   JEFFERSE


                              PF1=REVIEW PARTS
PF4=PREV SCREEN    PF9=FIRST PAGE                PF13=AID    PF 15/16
```

This same equipment APL installed onboard four times.

COSAL Part II

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS860          *** APL CHARACTERISTICS DATA ***          26 JAN 00(00026)

APL: 016021435      PUMP RTY PWR  700.00GPM   60PSI  1750RPM  MD

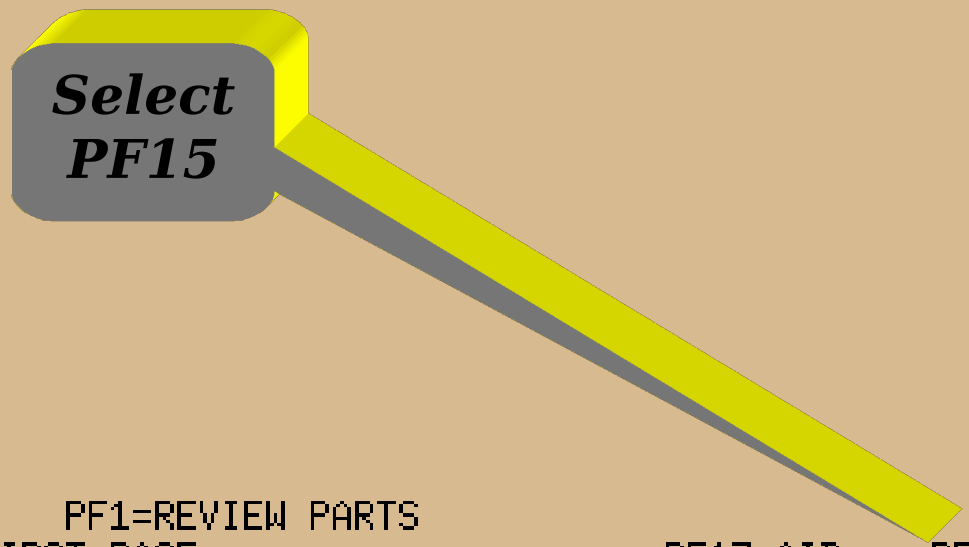
AINAC: SP           Component Characteristics:
NIIN:               ASBESTOS PACKING/GASKETS HAVE BEEN REVIEWED AND REMOVED
SMIC:               WHERE APPLICABLE BY NSWCCD-SSES CODE 9452.
CAGE:               FSCM-63857
LSSC: AA            1072
TCC: H

Local Record: N
Total Population:
   000004

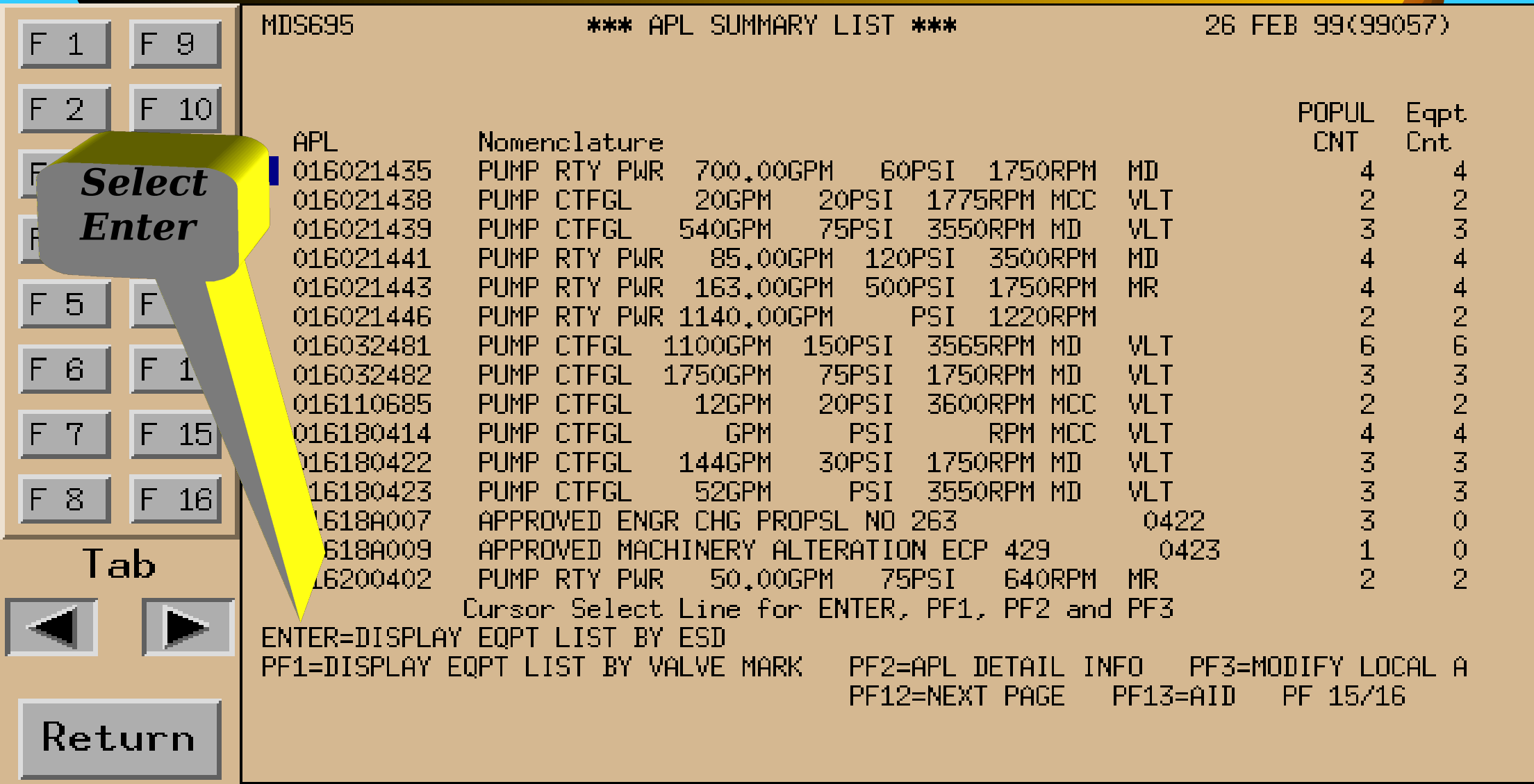
Last Updated:
   28 JAN 99

Last Updated by:
   JEFFERSE


                          PF1=REVIEW PARTS
PF4=PREV SCREEN    PF9=FIRST PAGE              PF13=AID    PF 15/16
```



COSAL Part II



MDS695 *** APL SUMMARY LIST *** 26 FEB 99(99057)

APL	Nomenclature	POPUL CNT	Eqpt Cnt
016021435	PUMP RTY PWR 700.00GPM 60PSI 1750RPM MD	4	4
016021438	PUMP CTFGL 20GPM 20PSI 1775RPM MCC VLT	2	2
016021439	PUMP CTFGL 540GPM 75PSI 3550RPM MD VLT	3	3
016021441	PUMP RTY PWR 85.00GPM 120PSI 3500RPM MD	4	4
016021443	PUMP RTY PWR 163.00GPM 500PSI 1750RPM MR	4	4
016021446	PUMP RTY PWR 1140.00GPM PSI 1220RPM	2	2
016032481	PUMP CTFGL 1100GPM 150PSI 3565RPM MD VLT	6	6
016032482	PUMP CTFGL 1750GPM 75PSI 1750RPM MD VLT	3	3
016110685	PUMP CTFGL 12GPM 20PSI 3600RPM MCC VLT	2	2
016180414	PUMP CTFGL GPM PSI RPM MCC VLT	4	4
016180422	PUMP CTFGL 144GPM 30PSI 1750RPM MD VLT	3	3
016180423	PUMP CTFGL 52GPM PSI 3550RPM MD VLT	3	3
01618A007	APPROVED ENGR CHG PROPSL NO 263 0422	3	0
01618A009	APPROVED MACHINERY ALTERATION ECP 429 0423	1	0
016200402	PUMP RTY PWR 50.00GPM 75PSI 640RPM MR	2	2

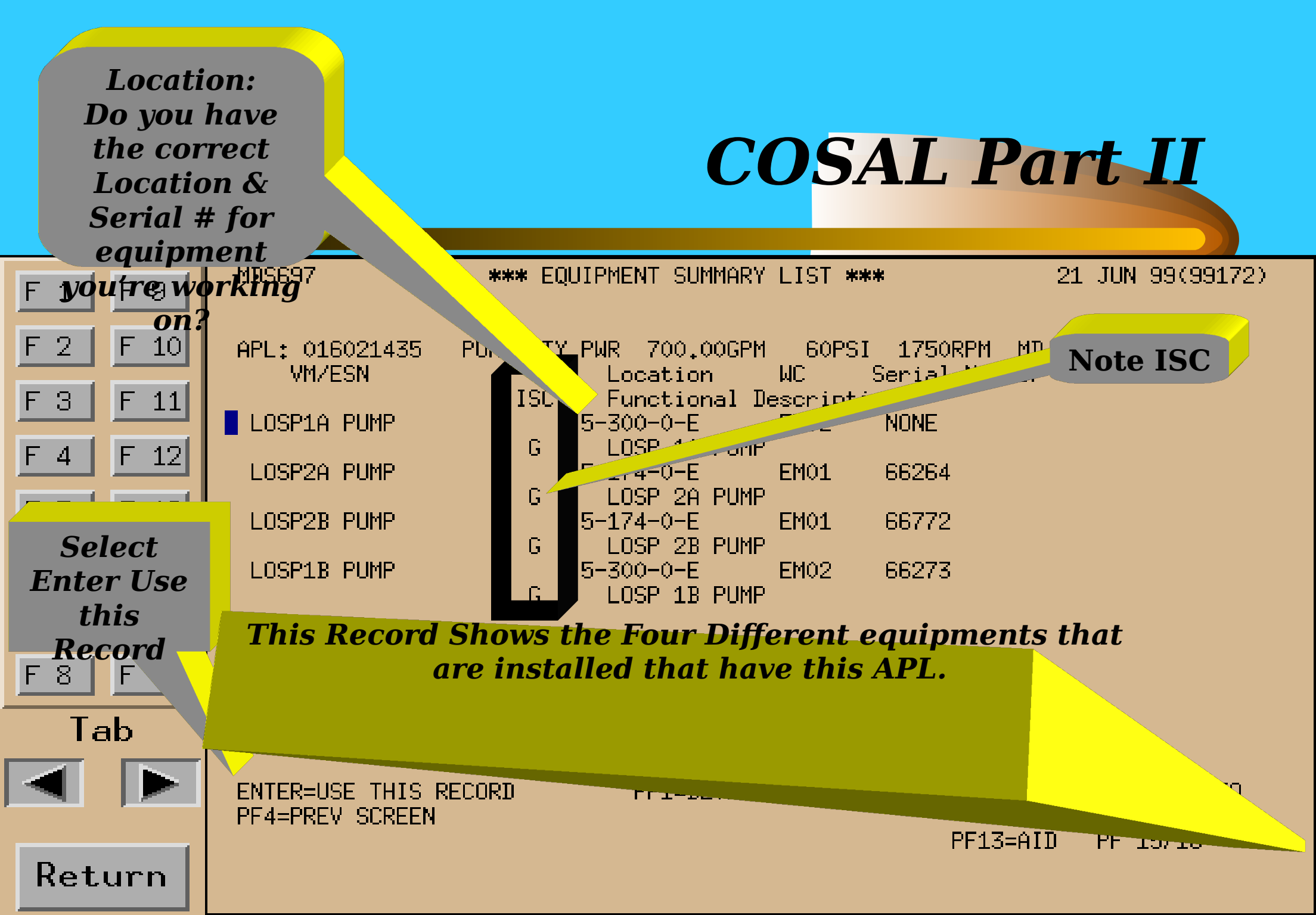
Cursor Select Line for ENTER, PF1, PF2 and PF3

ENTER=DISPLAY EQPT LIST BY ESD

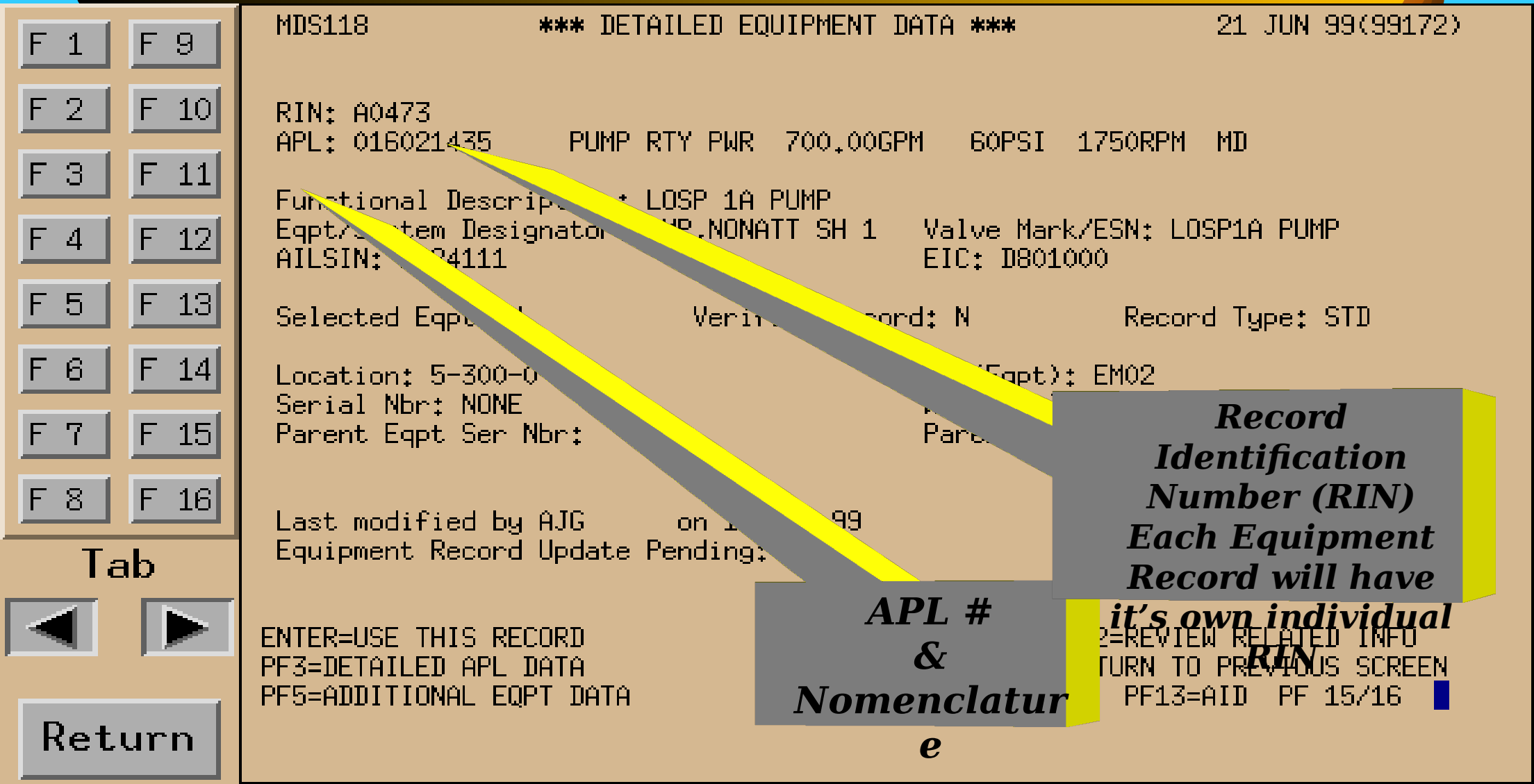
PF1=DISPLAY EQPT LIST BY VALVE MARK PF2=APL DETAIL INFO PF3=MODIFY LOCAL A

PF12=NEXT PAGE PF13=AID PF 15/16

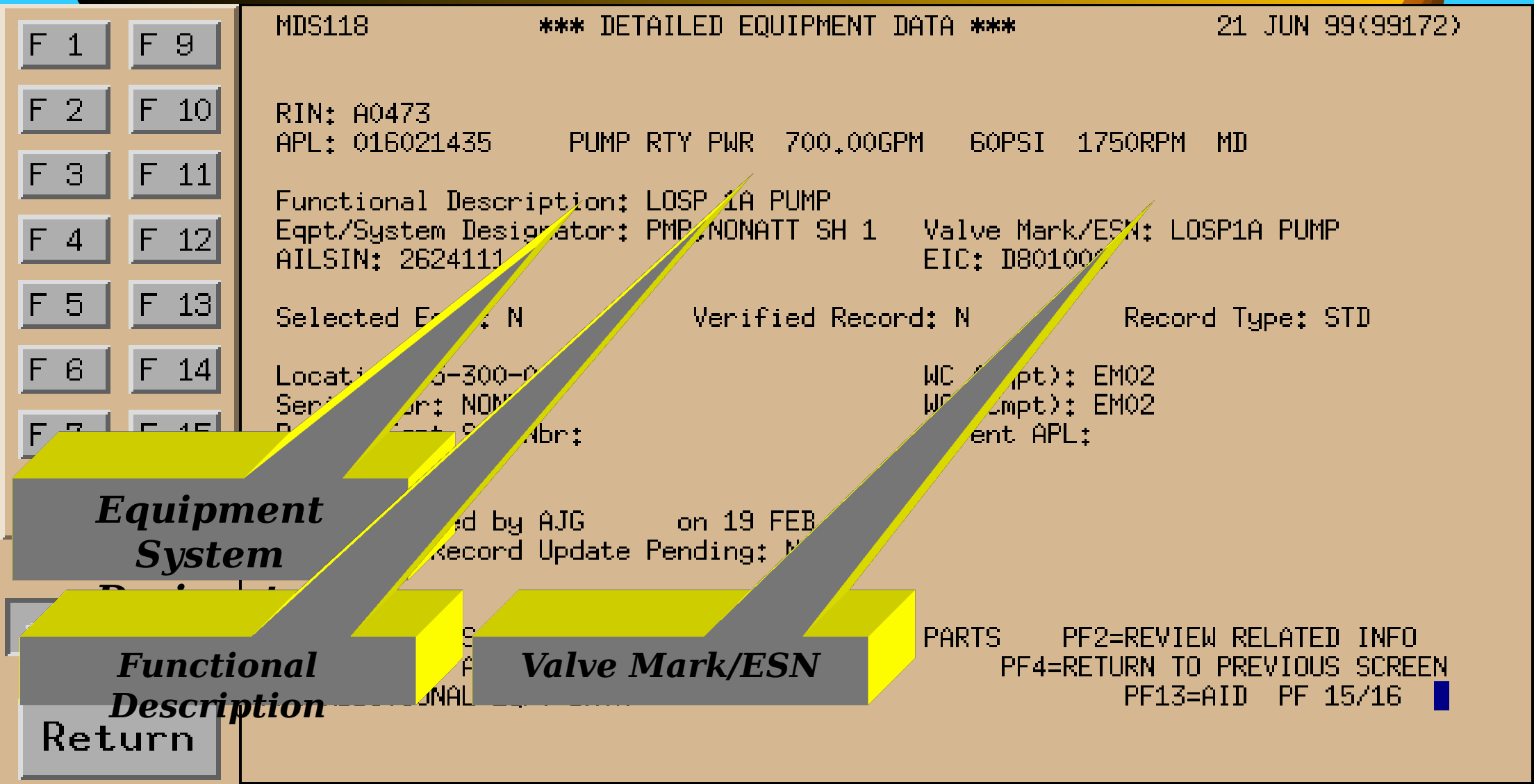
COSAL Part II



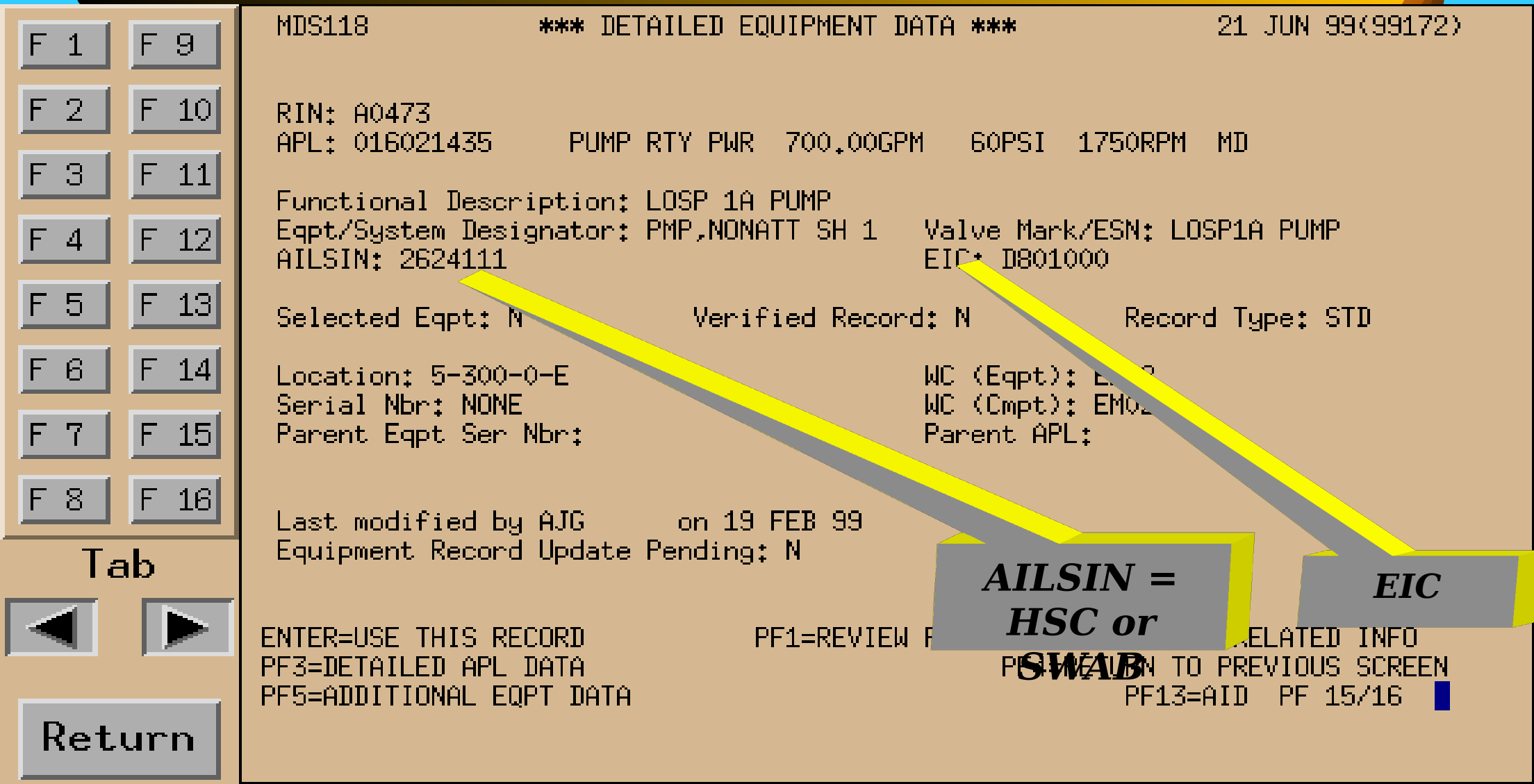
COSAL Part II



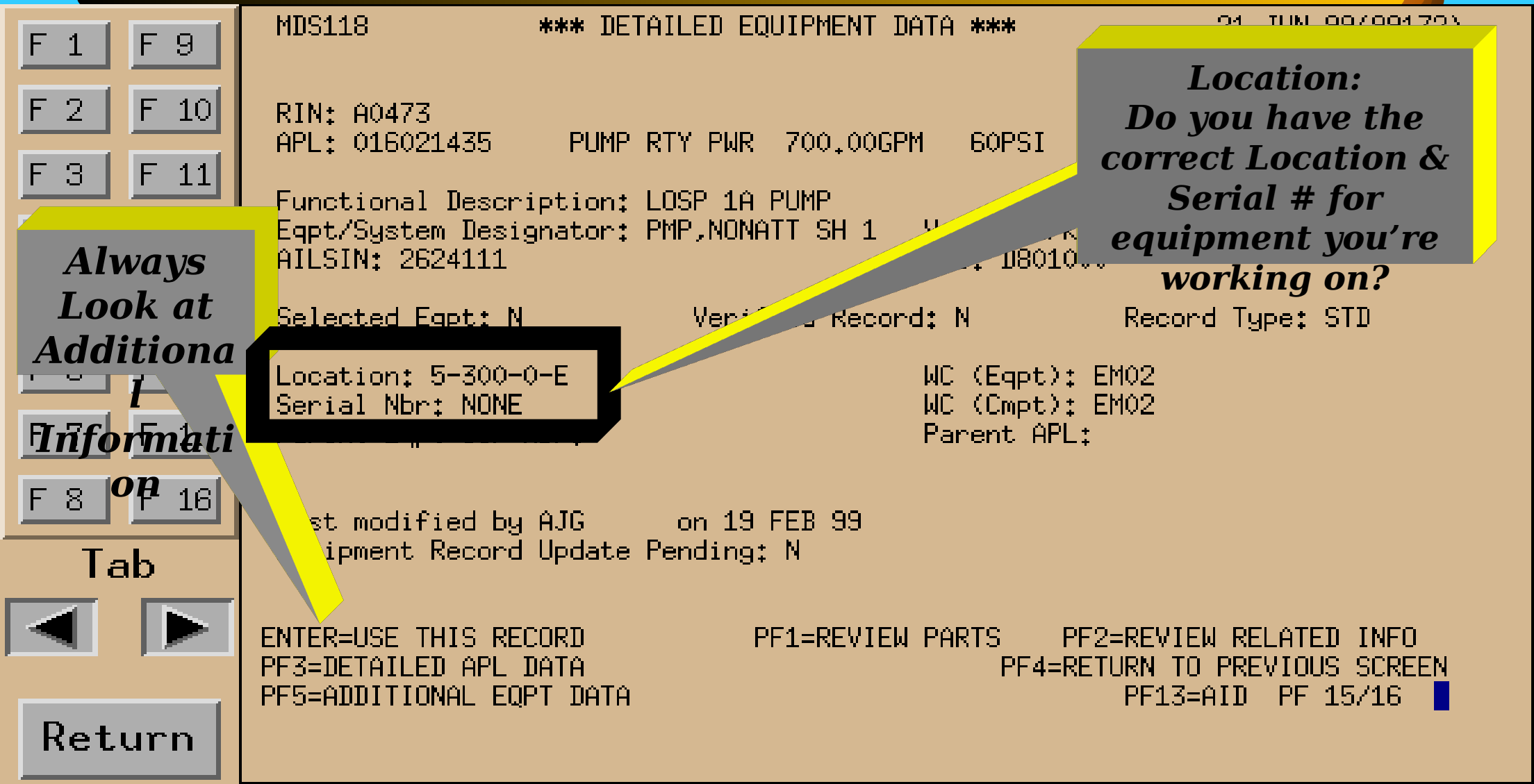
COSAL Part II



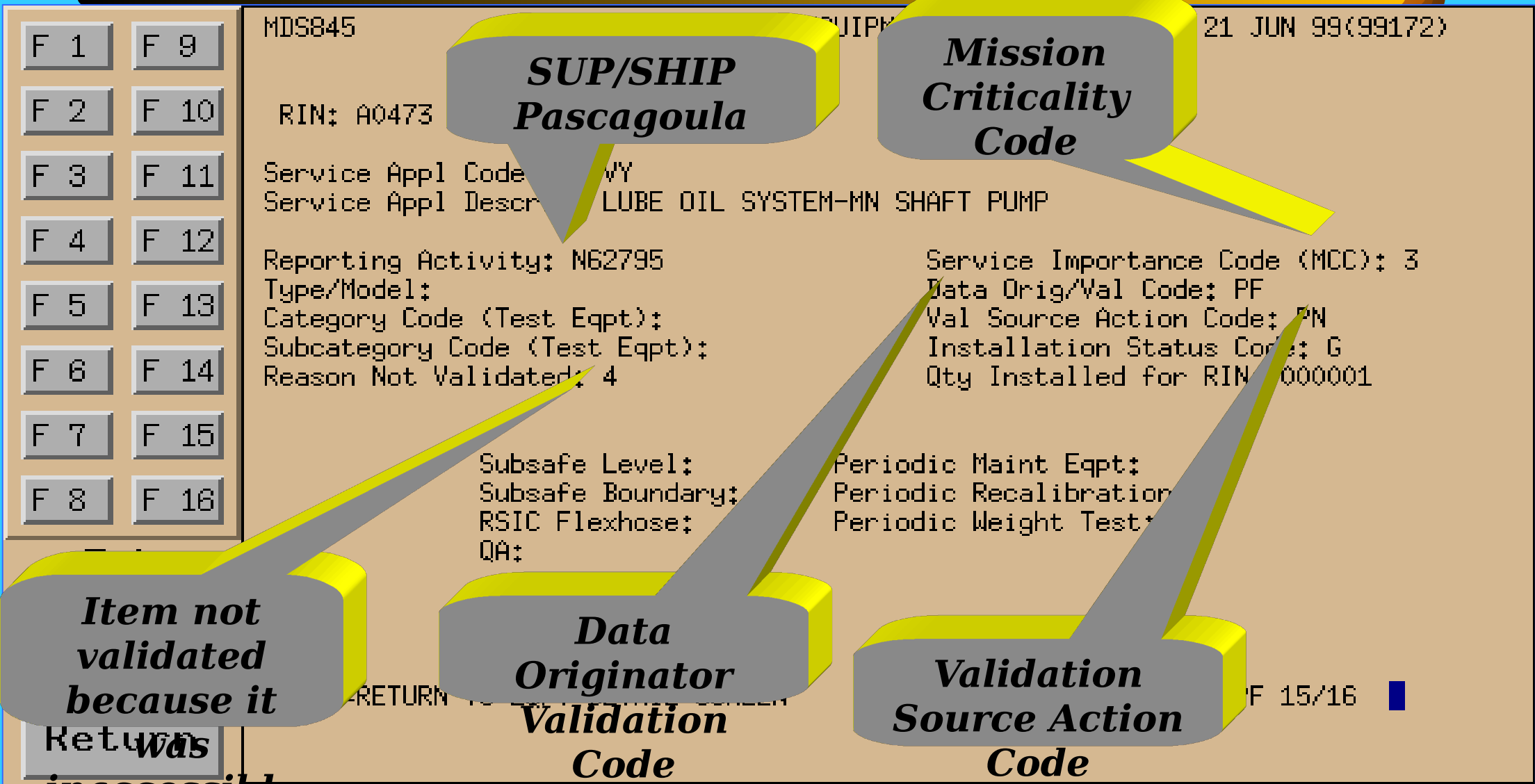
COSAL Part II



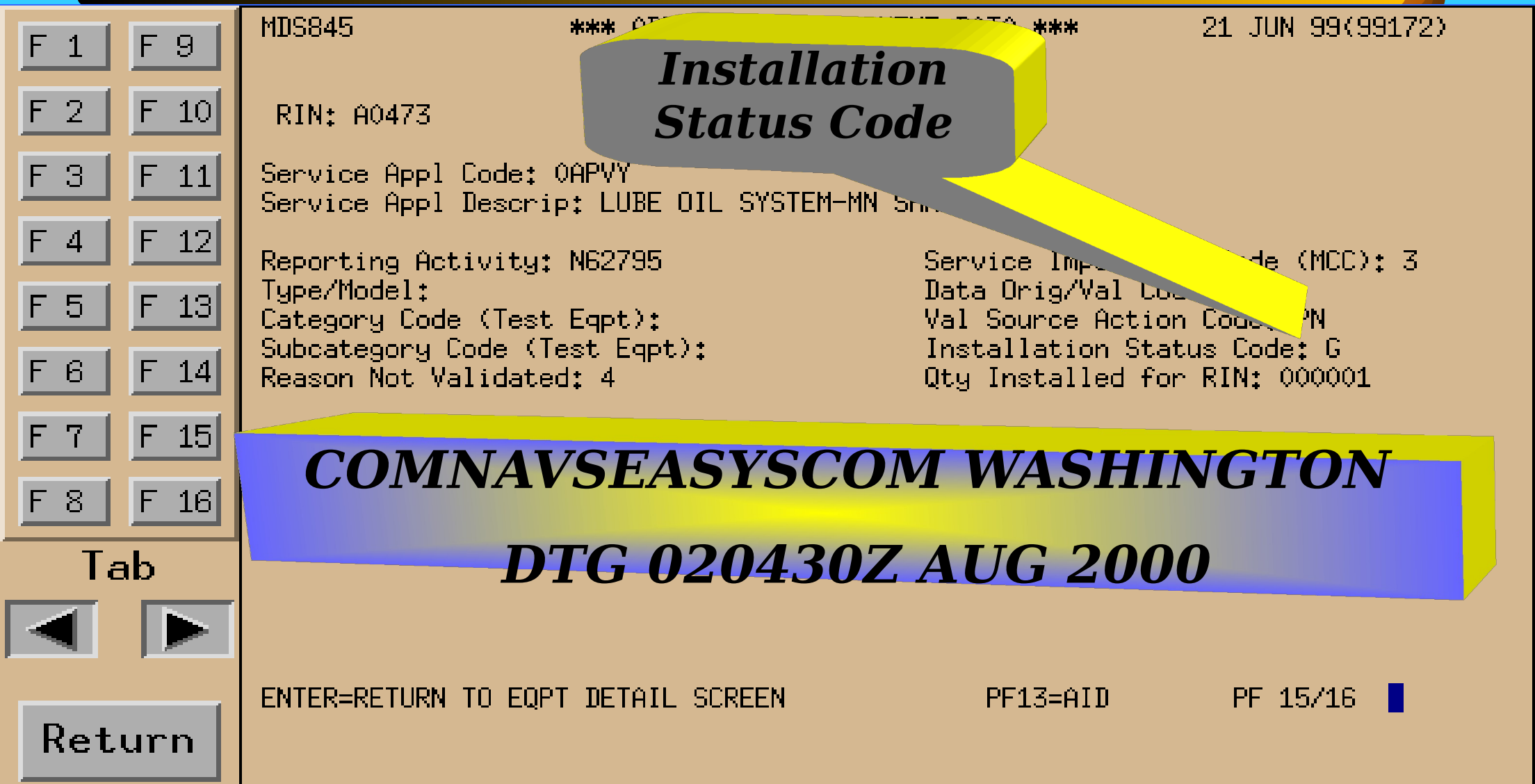
COSAL Part II



COSAL Part II



COSAL Part II



Installation Status Code

COMNAVSEASYSCOM WASHINGTON

DTG 020430Z AUG 2000

Equivalent to COSAL Part II Installation Status Codes

- Installation status codes:
  - A installed (SSBN 726, OHIO class only)
  - E planned equipment removal
  - G installed (except OHIO class) or other
  - J unconfirmed planned equipment installation
  - P confirmed planned equipment installation

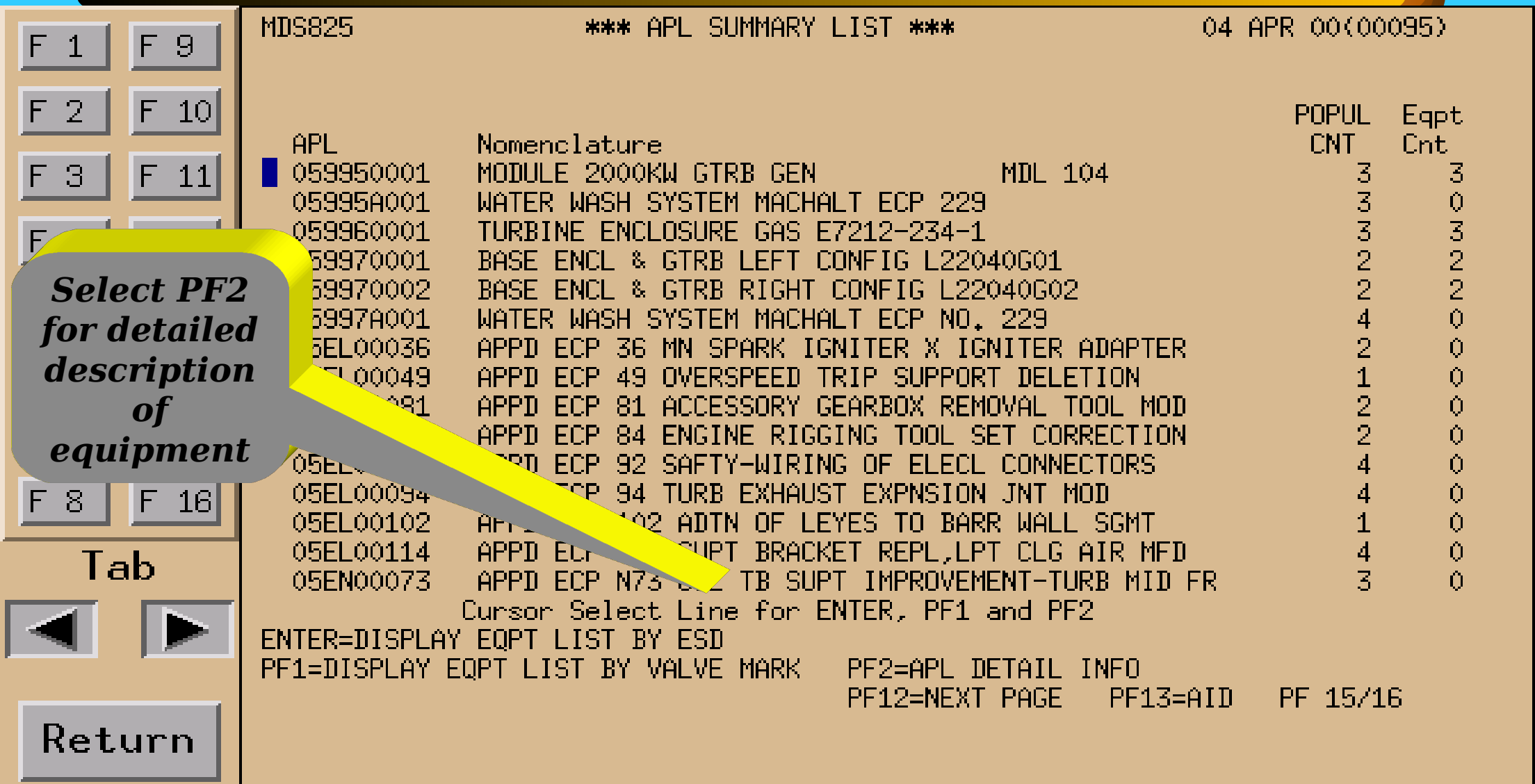
Equivalent to COSAL Part II Alteration Installation Status Codes

- Alteration installation status codes:
  - “D” accomplished according to designated NAVSEA authority
  - “U” unaccomplished according to designated NAVSEA authority
  - “J” unconfirmed planned accomplishment. Used with SNAP ship/shore interface release to allow planning data to be entered into the WSF without releasing support data to the ship

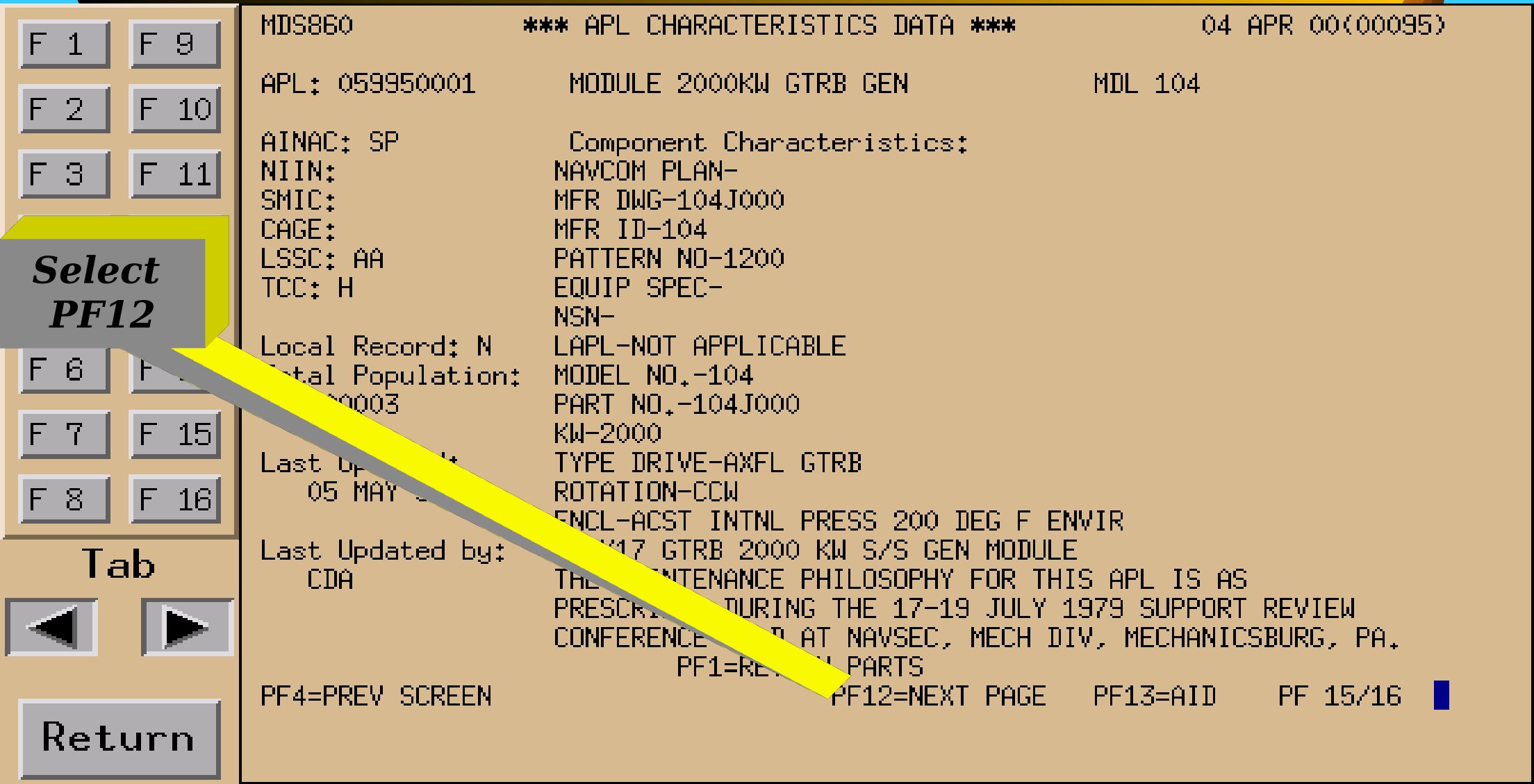
Equivalent to COSAL Part II Alteration Installation Status Codes

- Alteration installation status codes:
  - “P” confirmed planned accomplishment. In SNAP/ASI interface,associated support information is released to the ship
  - “N” confirmed planned alteration delete; alteration not applicable to the system/equipment
  - “B” unconfirmed accomplishment reported by ship or other activity

APL Characteristics Data Equivalent to COSAL Part II


F 1
F 9
F 2
F 10
F 3
F 11
F 8
F 16
Tab
Return
Select PF2 for detailed description of equipment
MDS825 *** APL SUMMARY LIST *** 04 APR 00(00095)
APL Nomenclature POPUL CNT Eqpt Cnt
059950001 MODULE 2000KW GTRB GEN MDL 104 3 3
05995A001 WATER WASH SYSTEM MACHALT ECP 229 3 0
059960001 TURBINE ENCLOSURE GAS E7212-234-1 3 3
59970001 BASE ENCL & GTRB LEFT CONFIG L22040G01 2 2
59970002 BASE ENCL & GTRB RIGHT CONFIG L22040G02 2 2
5997A001 WATER WASH SYSTEM MACHALT ECP NO. 229 4 0
5EL00036 APPD ECP 36 MN SPARK IGNITER X IGNITER ADAPTER 2 0
L00049 APPD ECP 49 OVERSPEED TRIP SUPPORT DELETION 1 0
081 APPD ECP 81 ACCESSORY GEARBOX REMOVAL TOOL MOD 2 0
APPD ECP 84 ENGINE RIGGING TOOL SET CORRECTION 2 0
05EL PD ECP 92 SAFTY-WIRING OF ELECL CONNECTORS 4 0
05EL00094 CP 94 TURB EXHAUST EXPNSION JNT MOD 4 0
05EL00102 AP 02 ADTN OF LEYES TO BARR WALL SGMT 1 0
05EL00114 APPD EC UPT BRACKET REPL,LPT CLG AIR MFD 4 0
05EN00073 APPD ECP N73 TB SUPT IMPROVEMENT-TURB MID FR 3 0
Cursor Select Line for ENTER, PF1 and PF2
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK PF2=APL DETAIL INFO
PF12=NEXT PAGE PF13=AID PF 15/16

APL Characteristics Data Equivalent to COSAL Part II



APL Characteristics Data Equivalent to COSAL Part II

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS860          *** APL CHARACTERISTICS DATA ***          04 APR 00(00095)

APL: 059950001      MODULE 2000KW GTRB GEN            MDL 104

AINAC: SP           Component Characteristics:
NIIN:               APL HAS BEEN UPDATED TO INCLUDE DLP (DEPOT LEVEL
SMIC:               PROVISIONING) REQUIREMENTS.
CAGE:               NOTE-FABRICATE GASKETS FROM BULK MATERIAL AS INDICATED
LSSC: AA            FSCM-81381
TCC: H              0874

Local Record: N
Total Population:
   000003

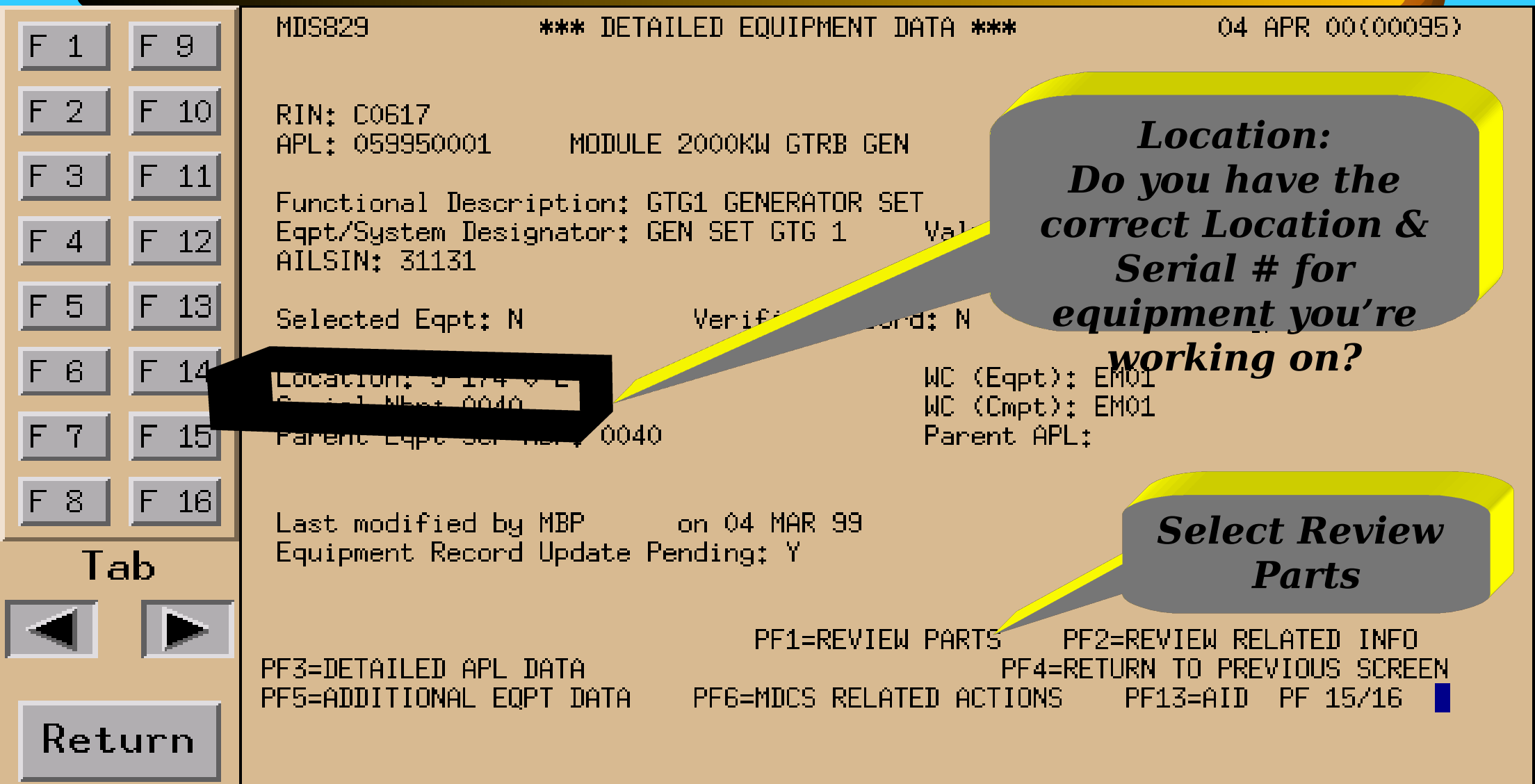
Last Updated:
   05 MAY 99

Last Updated by:
   CDA

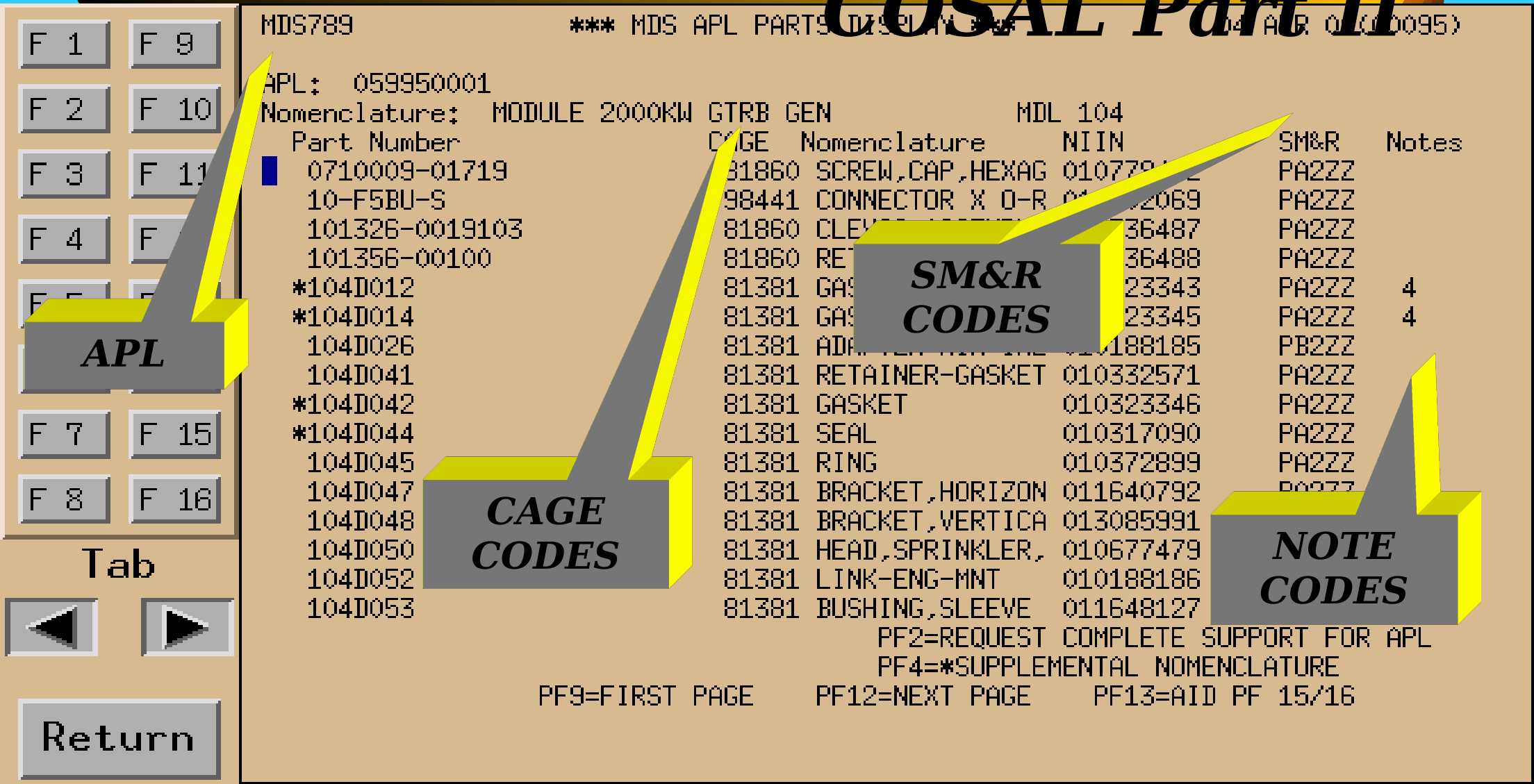
                          PF1=REVIEW PARTS
PF4=PREV SCREEN    PF9=FIRST PAGE                PF13=AID    PF 15/16
```

SECOND PAGE APL/AEL

Equipment Record Equivalent to COSAL Part II



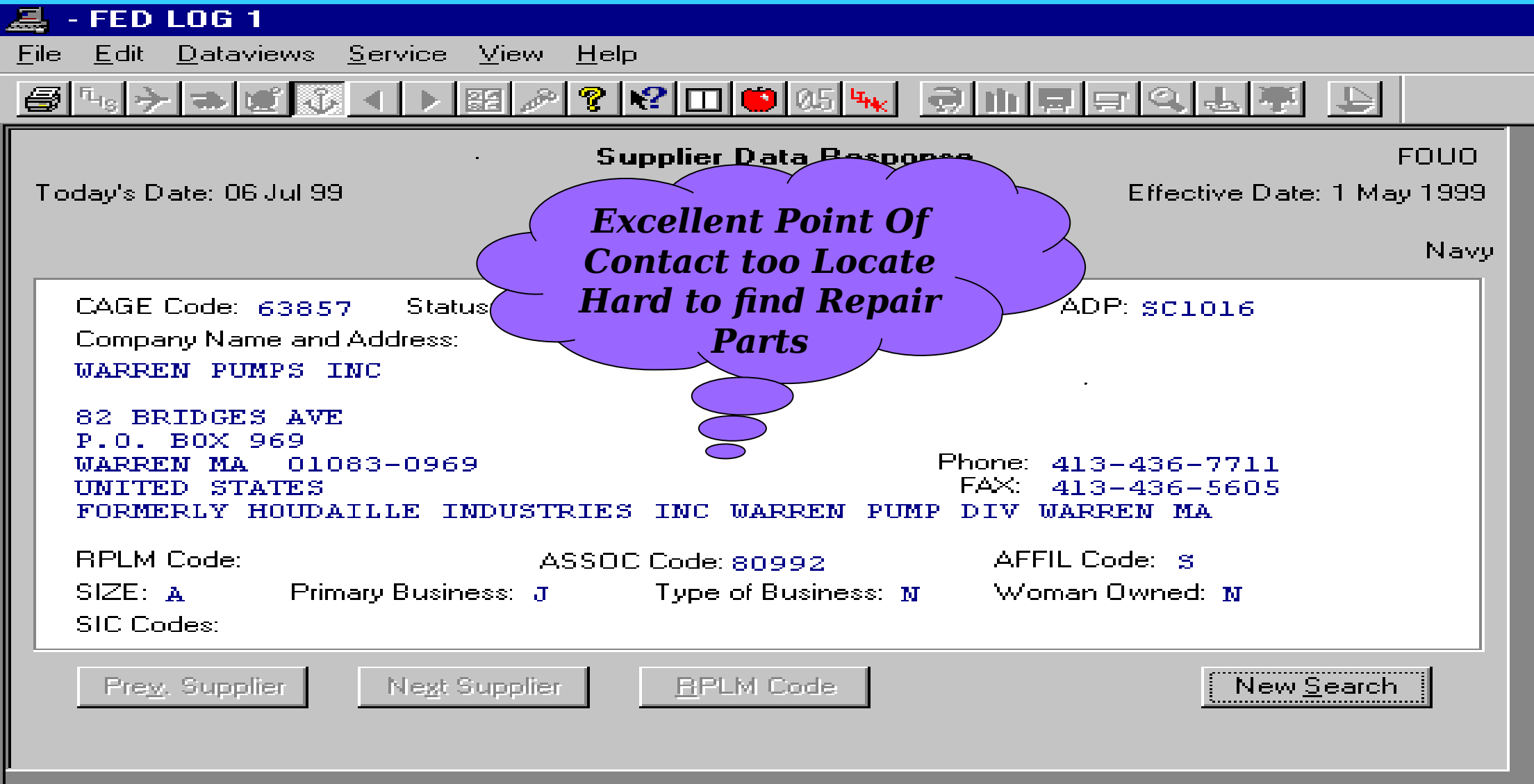
APL Parts List Display Equivalent to COSAL Part II



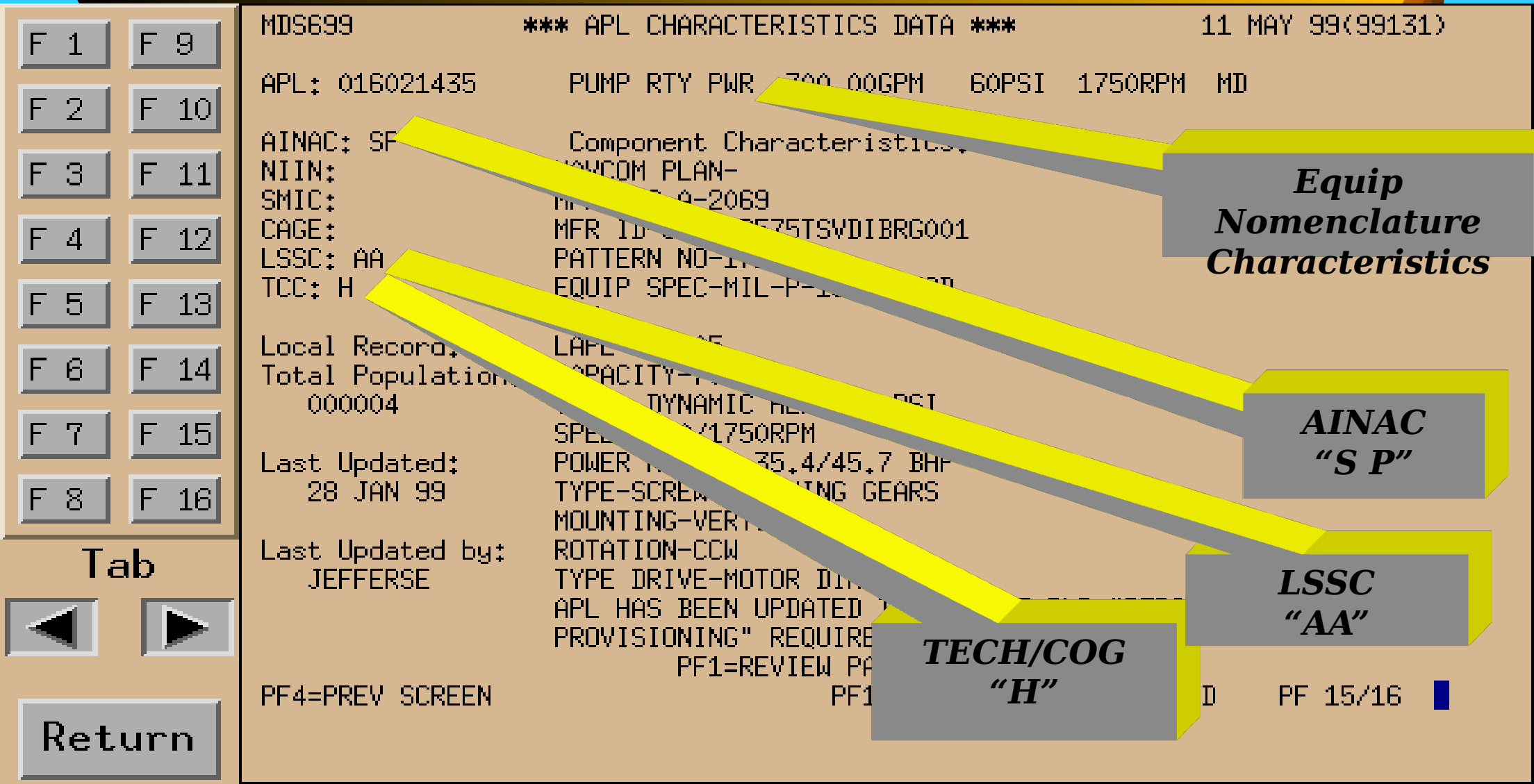
FEDLOG & COSAL Part II



FEDLOG & COSAL Part II



Allowance Parts List (APL)
COSAL PART II



Allowance Parts List (APL) COSAL PART II

- Tech cog = “H”
- AINAC = “SP”
- LSSC = “AA”

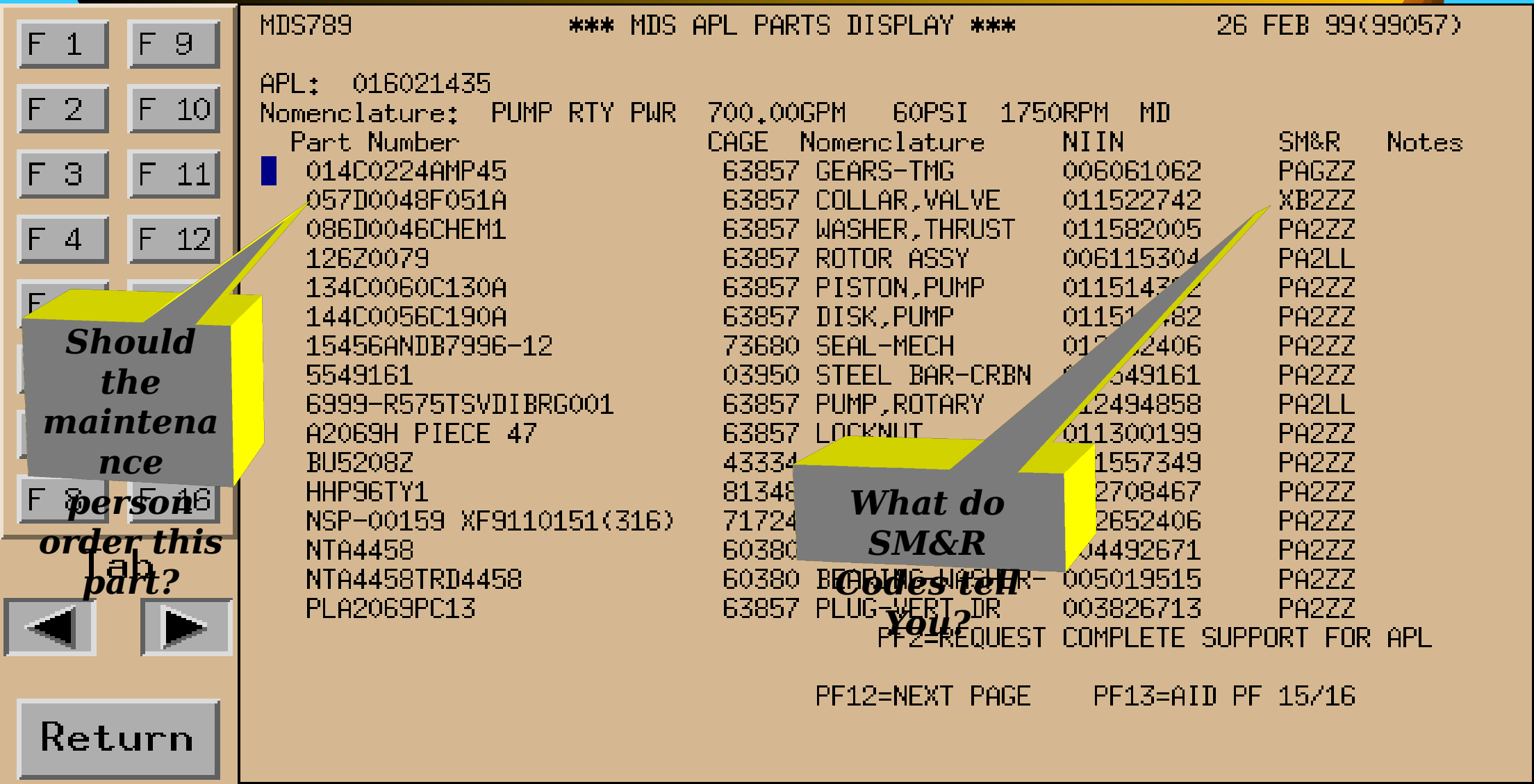
Appendix page C-3

Allowance Parts List (APL) COSAL PART II

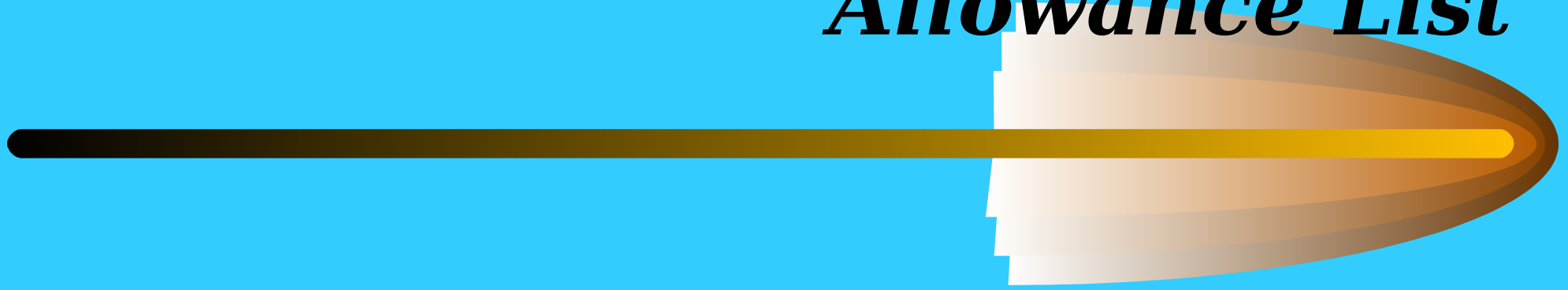
- Look up these SM&R codes
  - PAGZZ
  - XB2ZZ
  - XA2ZZ
  - PA2LL

Turn to page C-6

Allowance Parts List (APL)
COSAL PART II

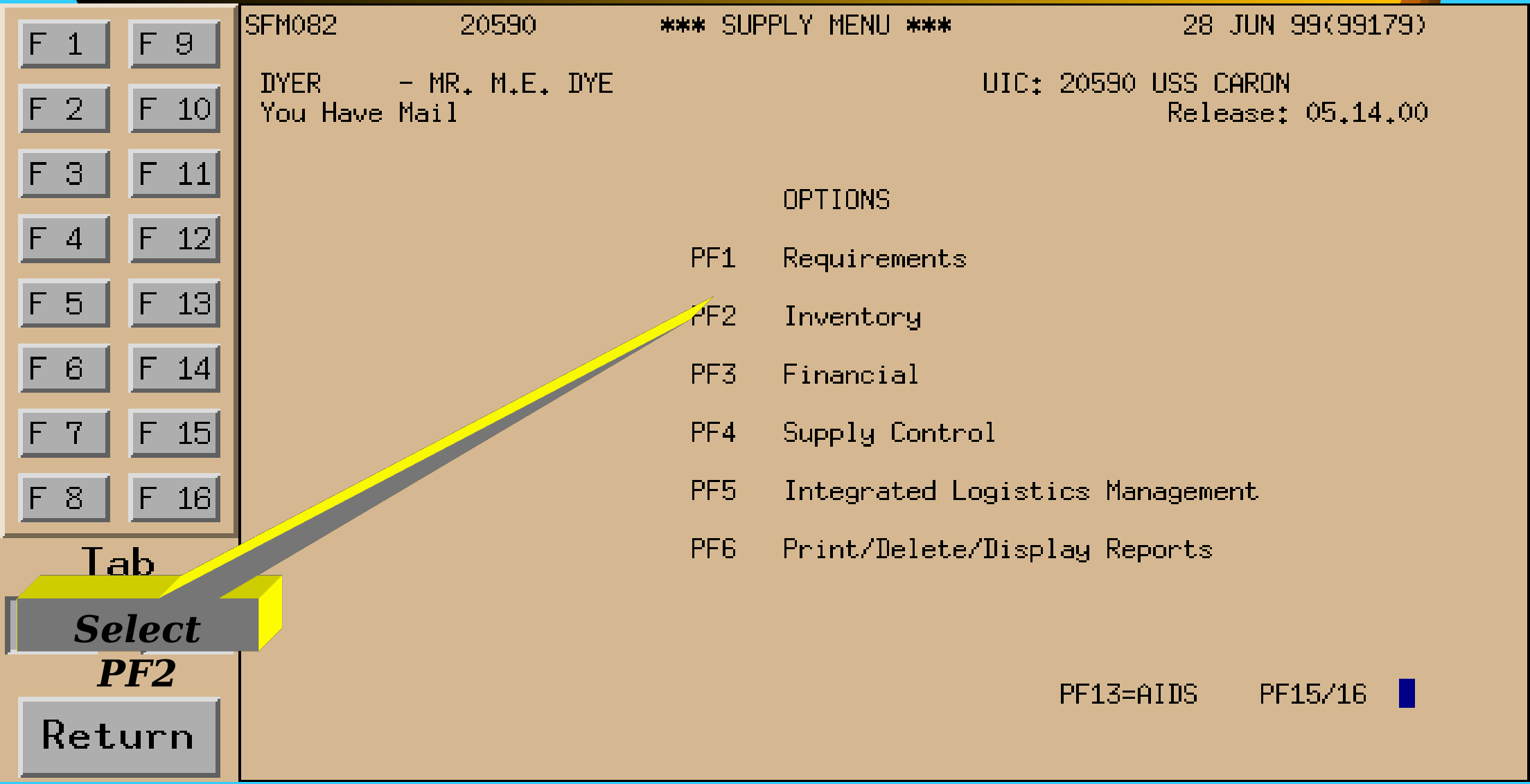


Coordinated Shipboard Allowance List

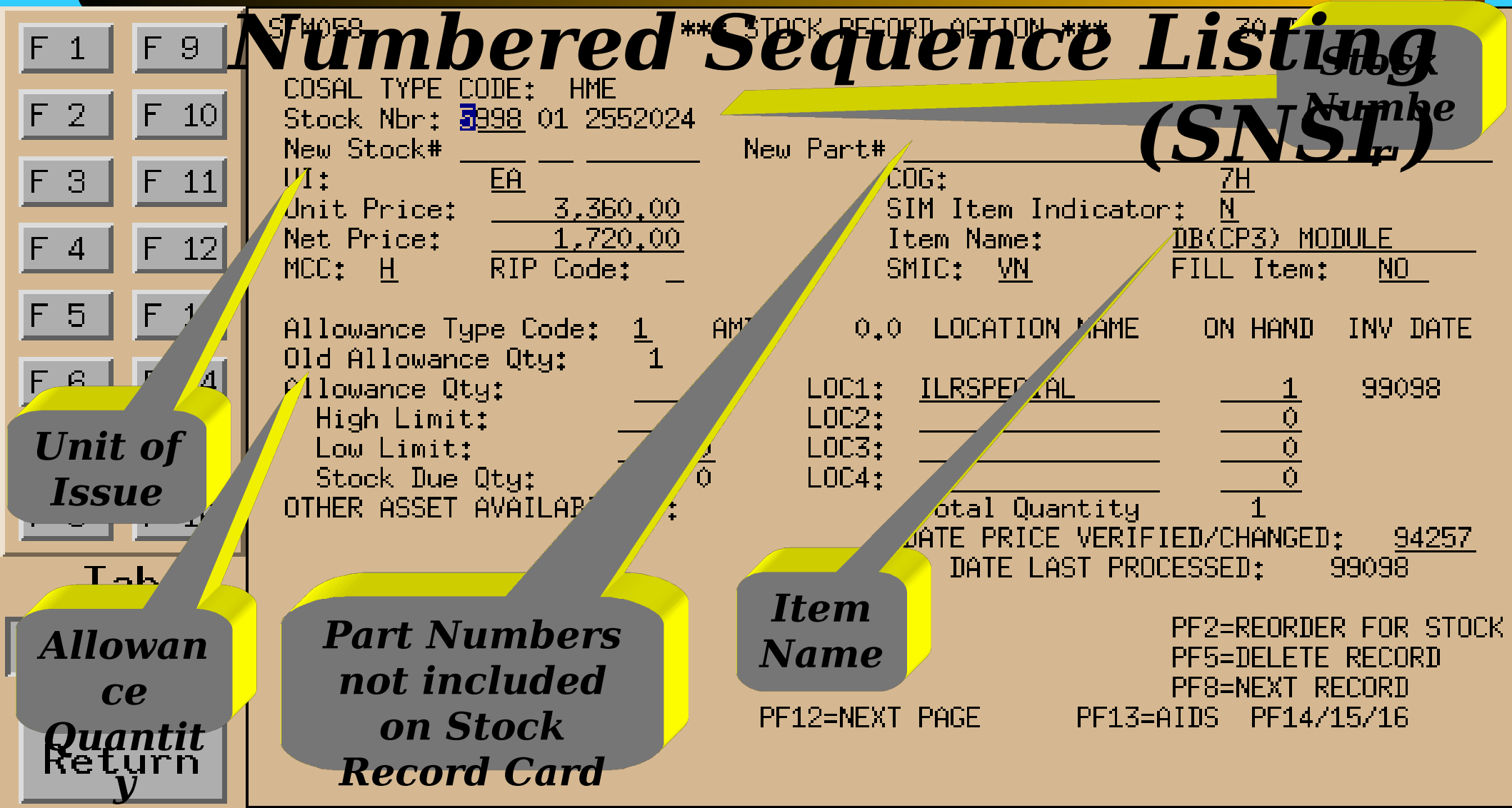


COSAL Part III

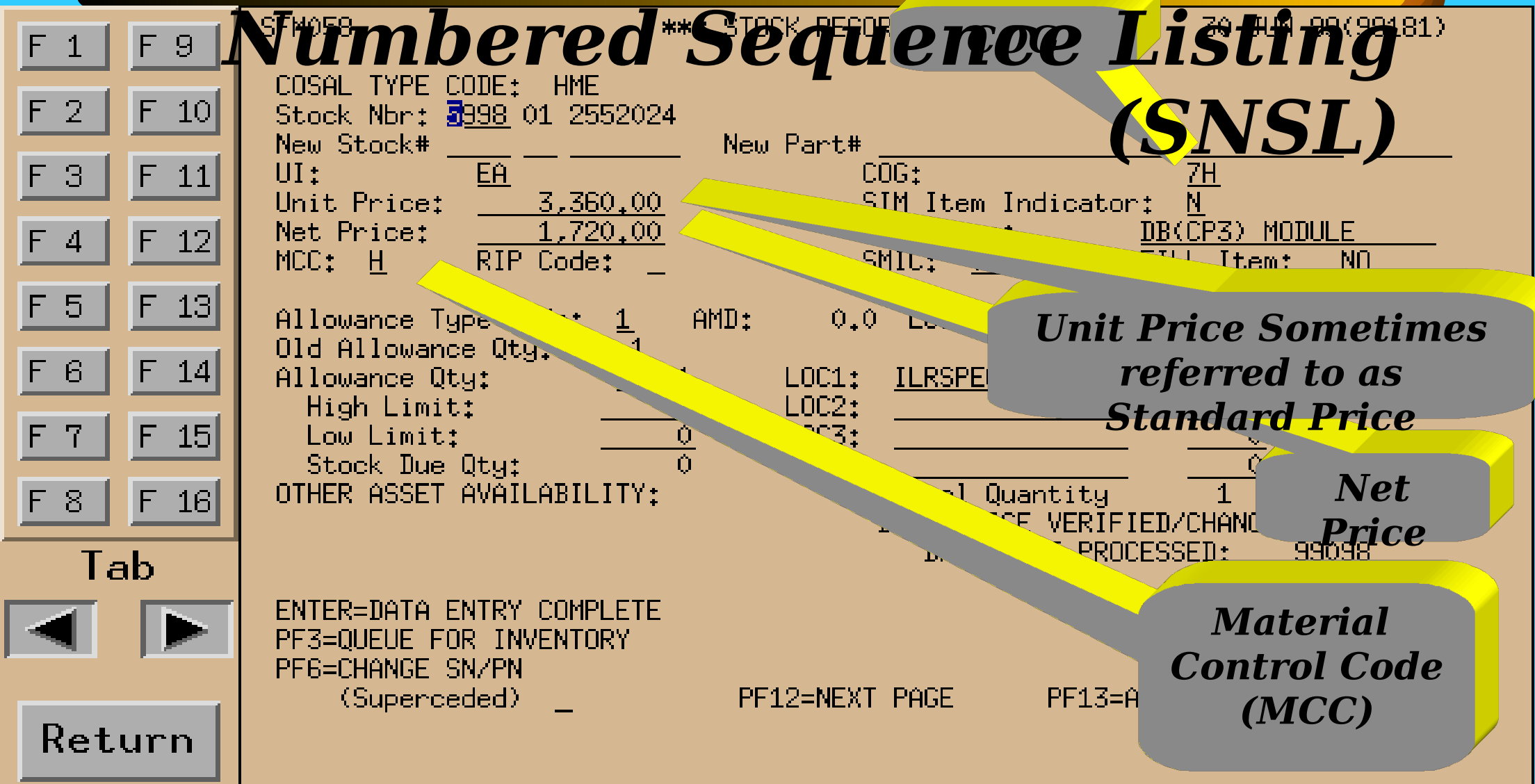
COSAL Part III



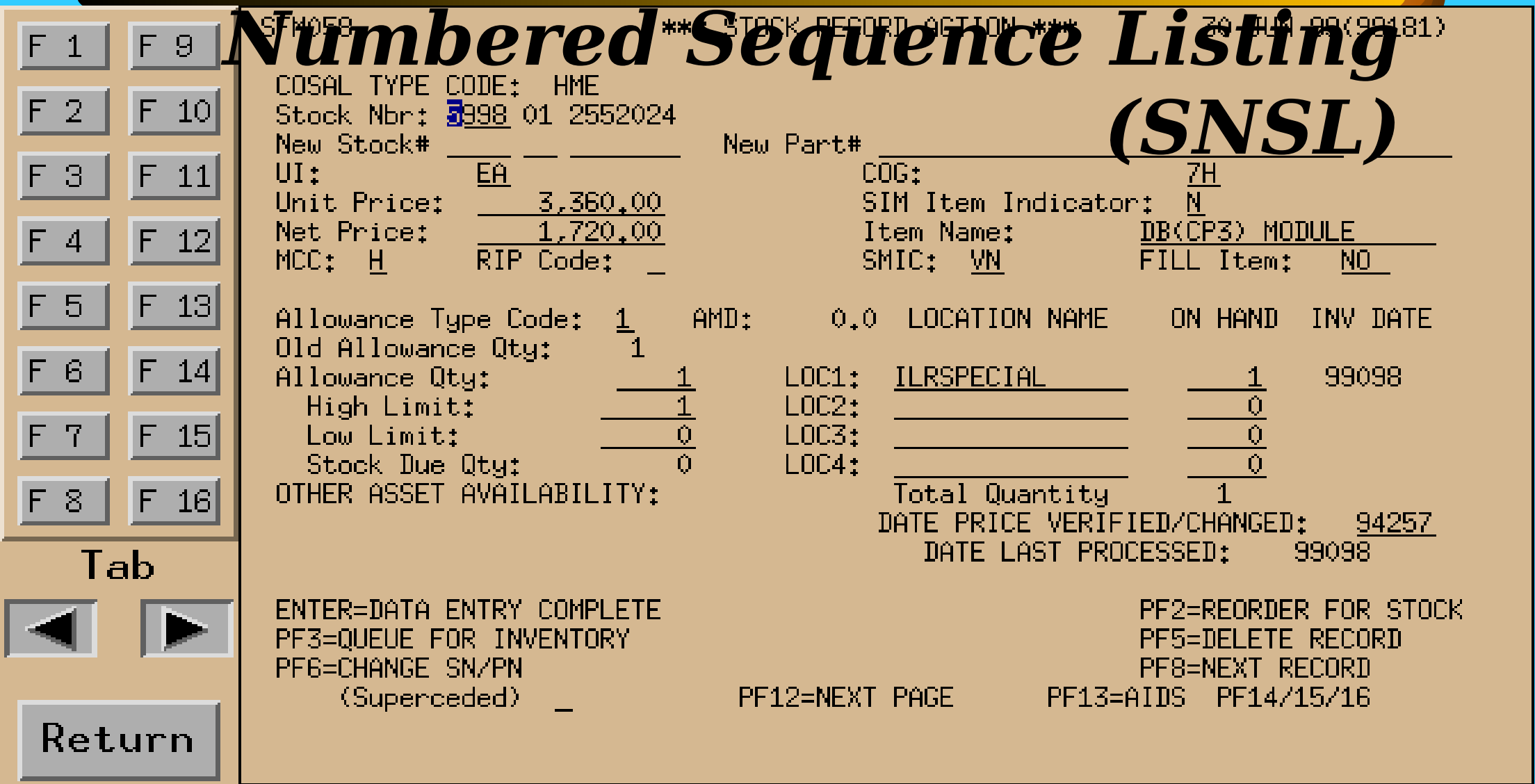
COSAL Part III Equivalent to Stock Numbered Sequence Listing (SNSI)



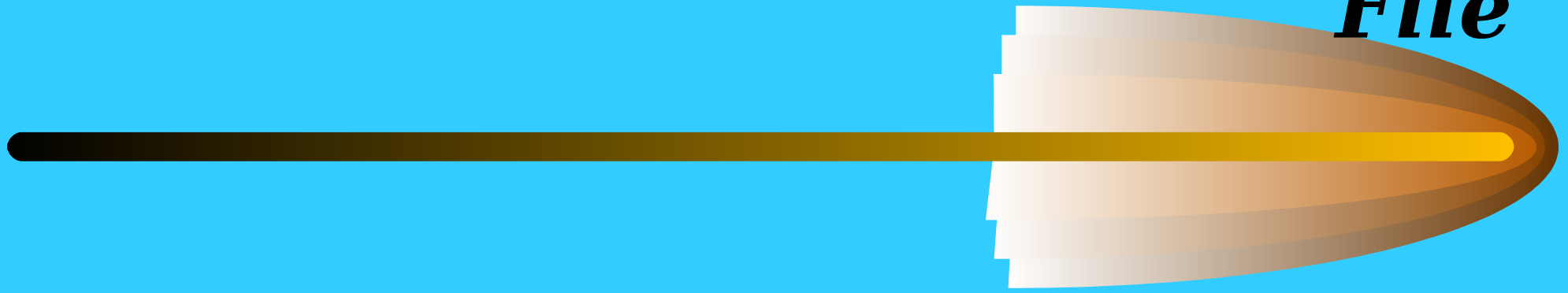
COSAL Part III Equivalent to Stock Numbered Sequence Listing (SNSL)



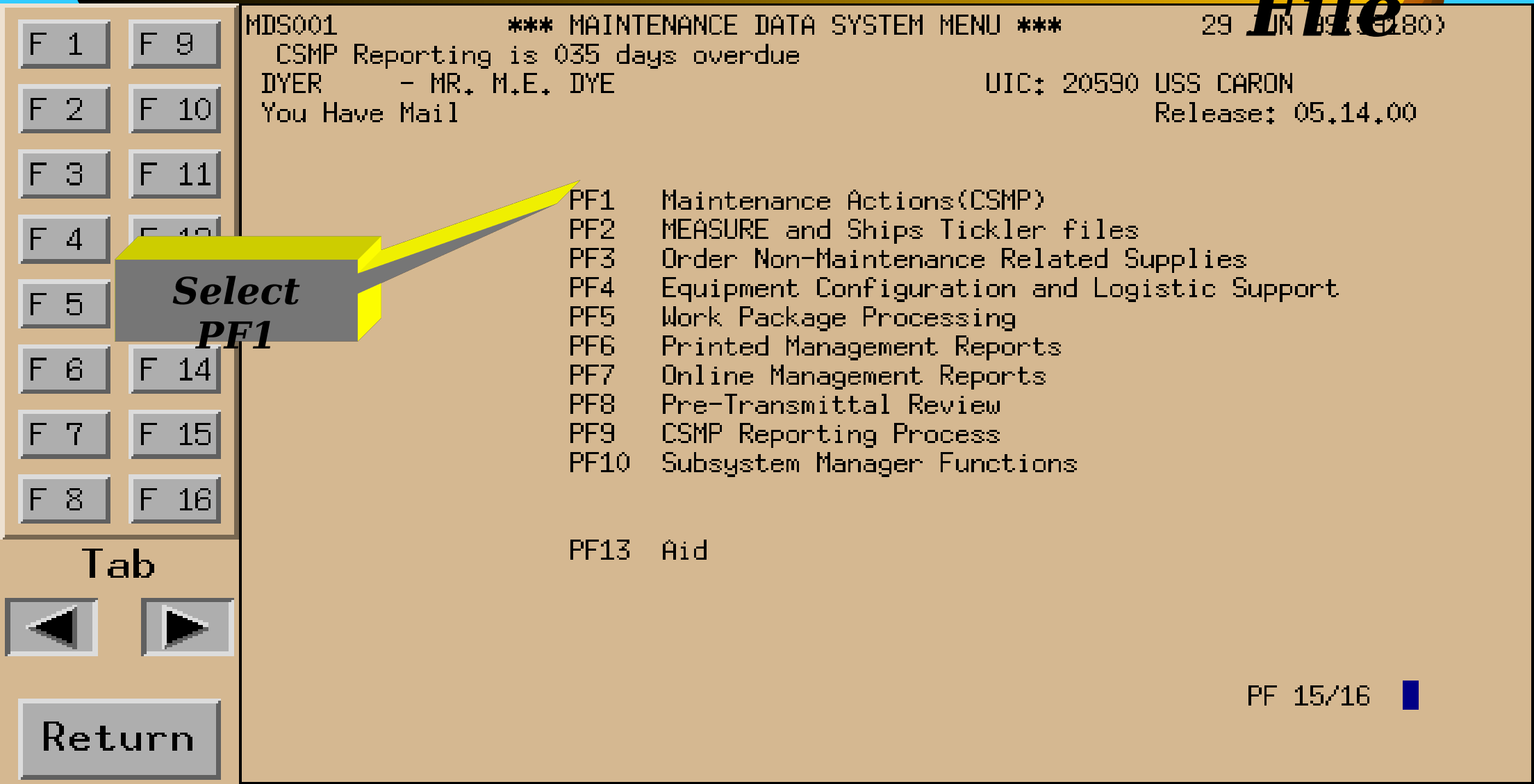
COSAL Part III Equivalent to Stock Numbered Sequence Listing (SNSL)



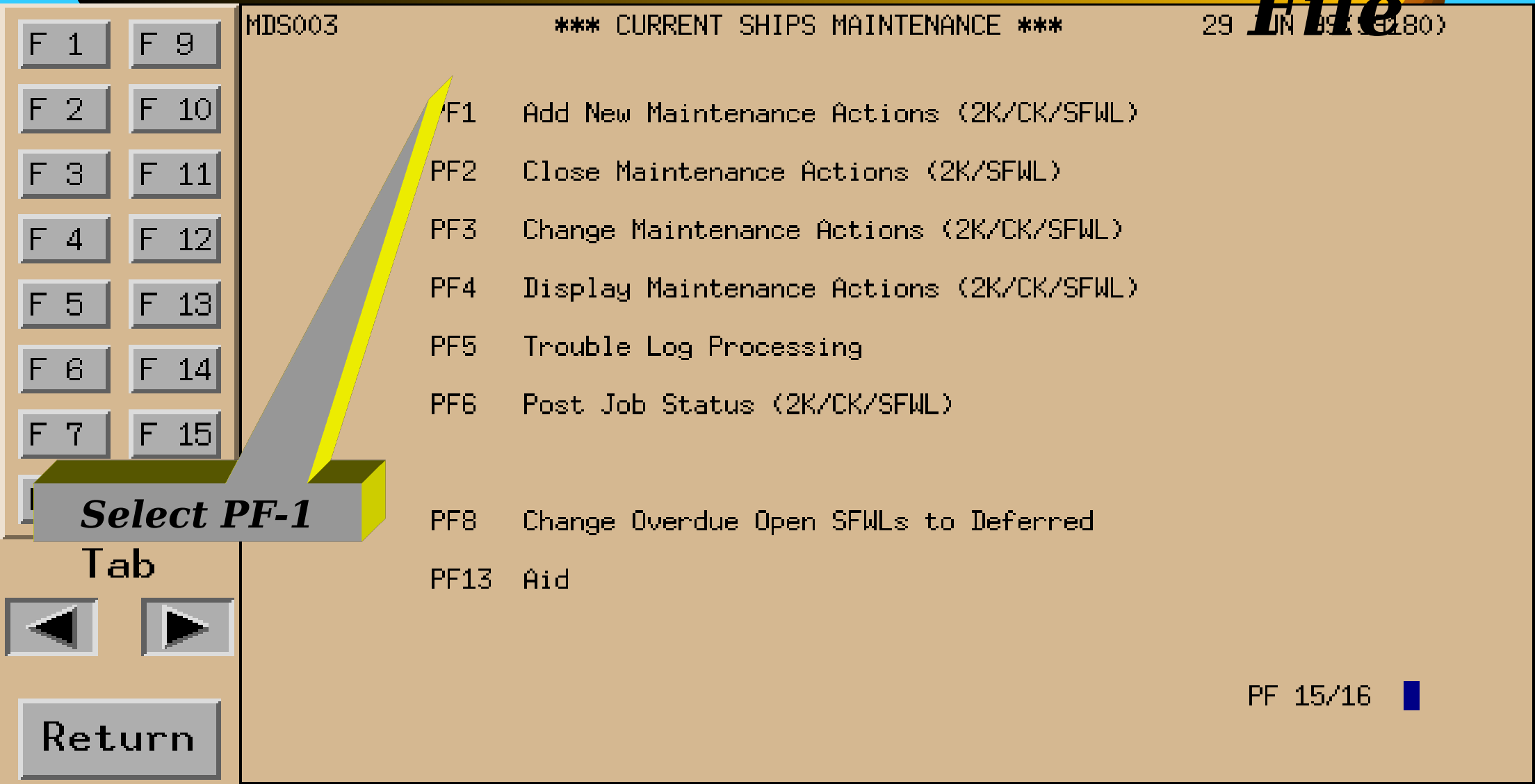
Penetrating the Equipment File



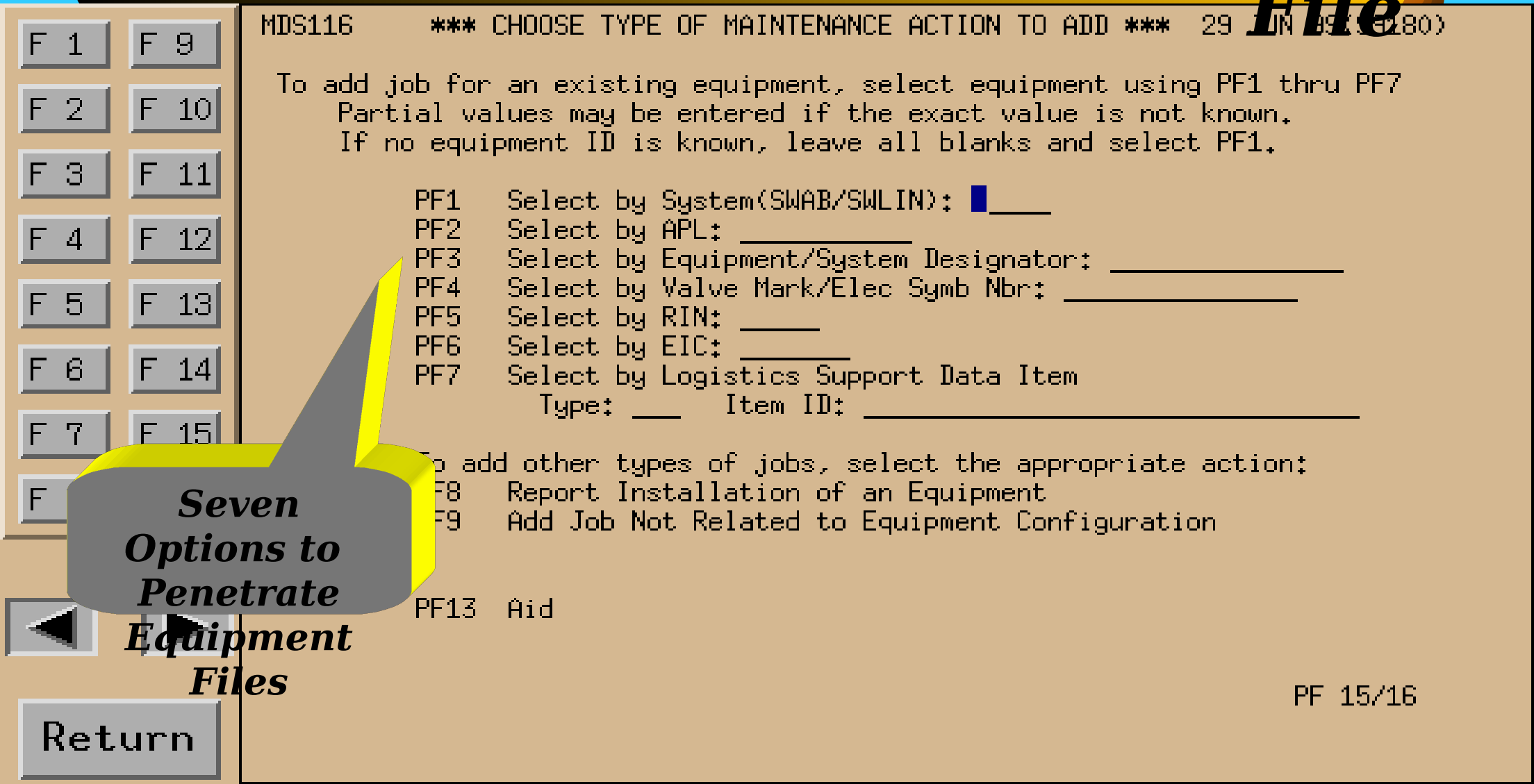
Practical Example of Penetrating the Equipment File



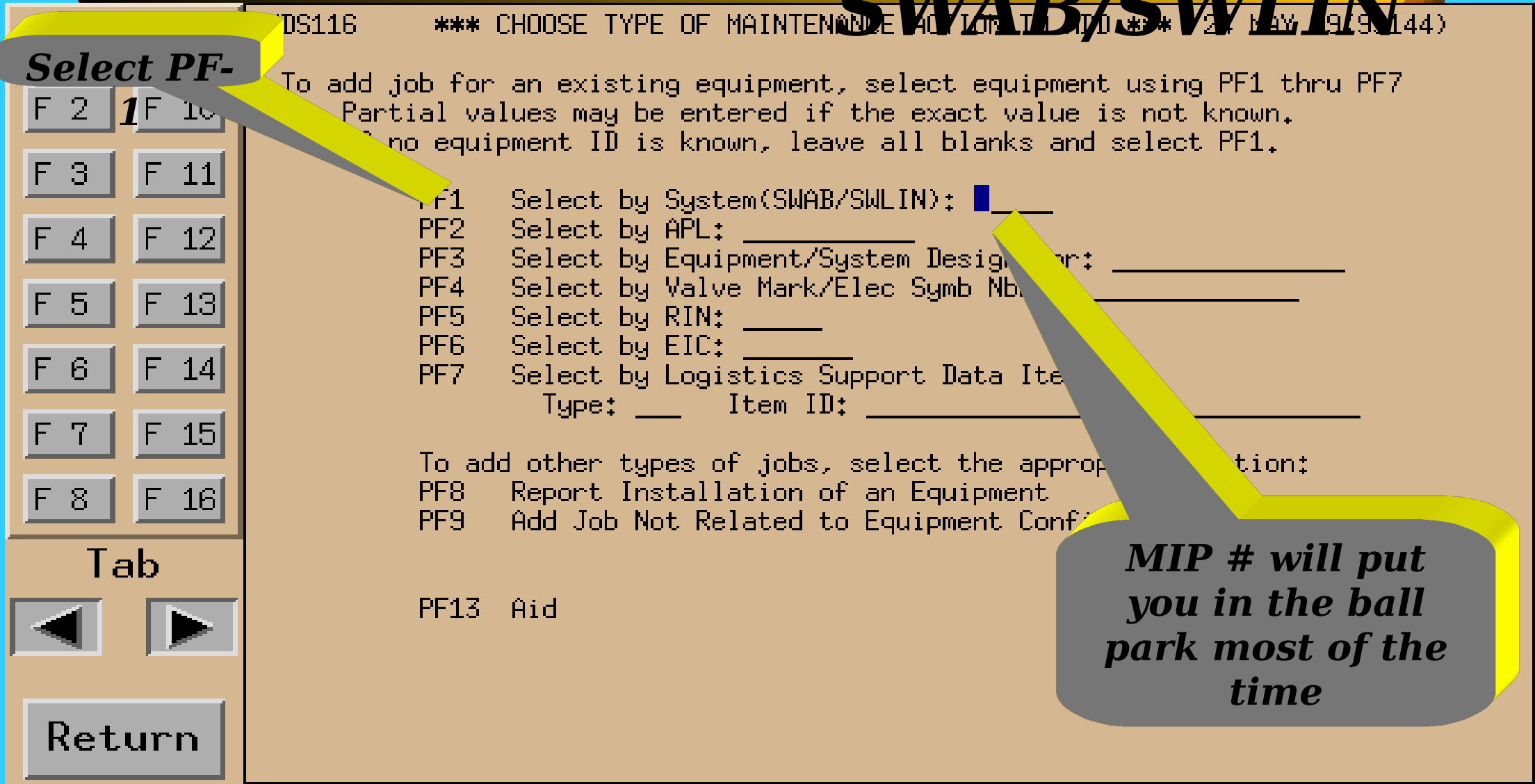
Practical Example of Penetrating the Equipment File



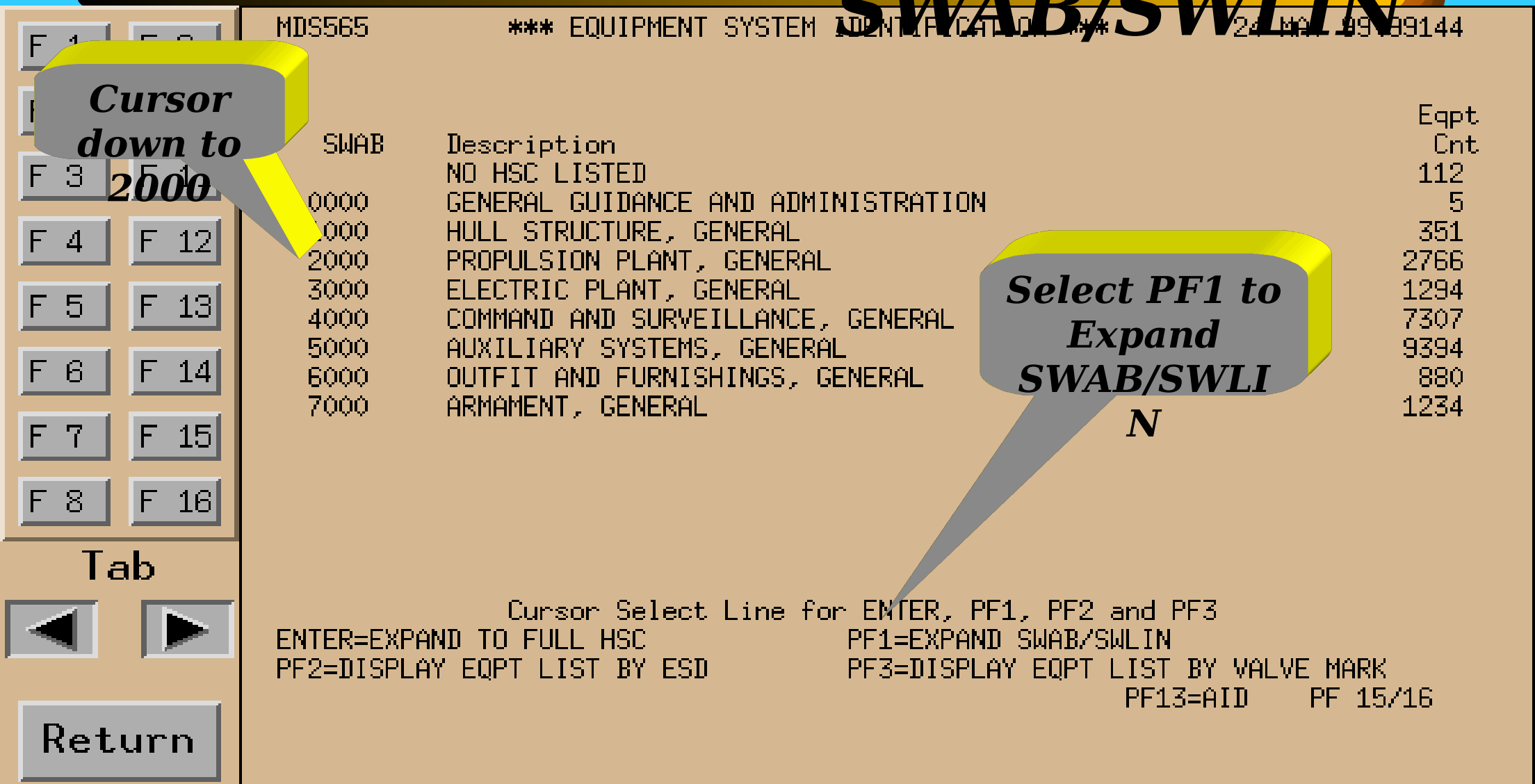
Practical Example of Penetrating the Equipment File


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F
Return
MDS116 *** CHOOSE TYPE OF MAINTENANCE ACTION TO ADD *** 29 JUN
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN):
PF2 Select by APL:
PF3 Select by Equipment/System Designator:
PF4 Select by Valve Mark/Elec Symb Nbr:
PF5 Select by RIN:
PF6 Select by EIC:
PF7 Select by Logistics Support Data Item
Type: Item ID:
To add other types of jobs, select the appropriate action:
PF8 Report Installation of an Equipment
PF9 Add Job Not Related to Equipment Configuration
PF13 Aid
PF 15/16
Seven Options to Penetrate Equipment Files

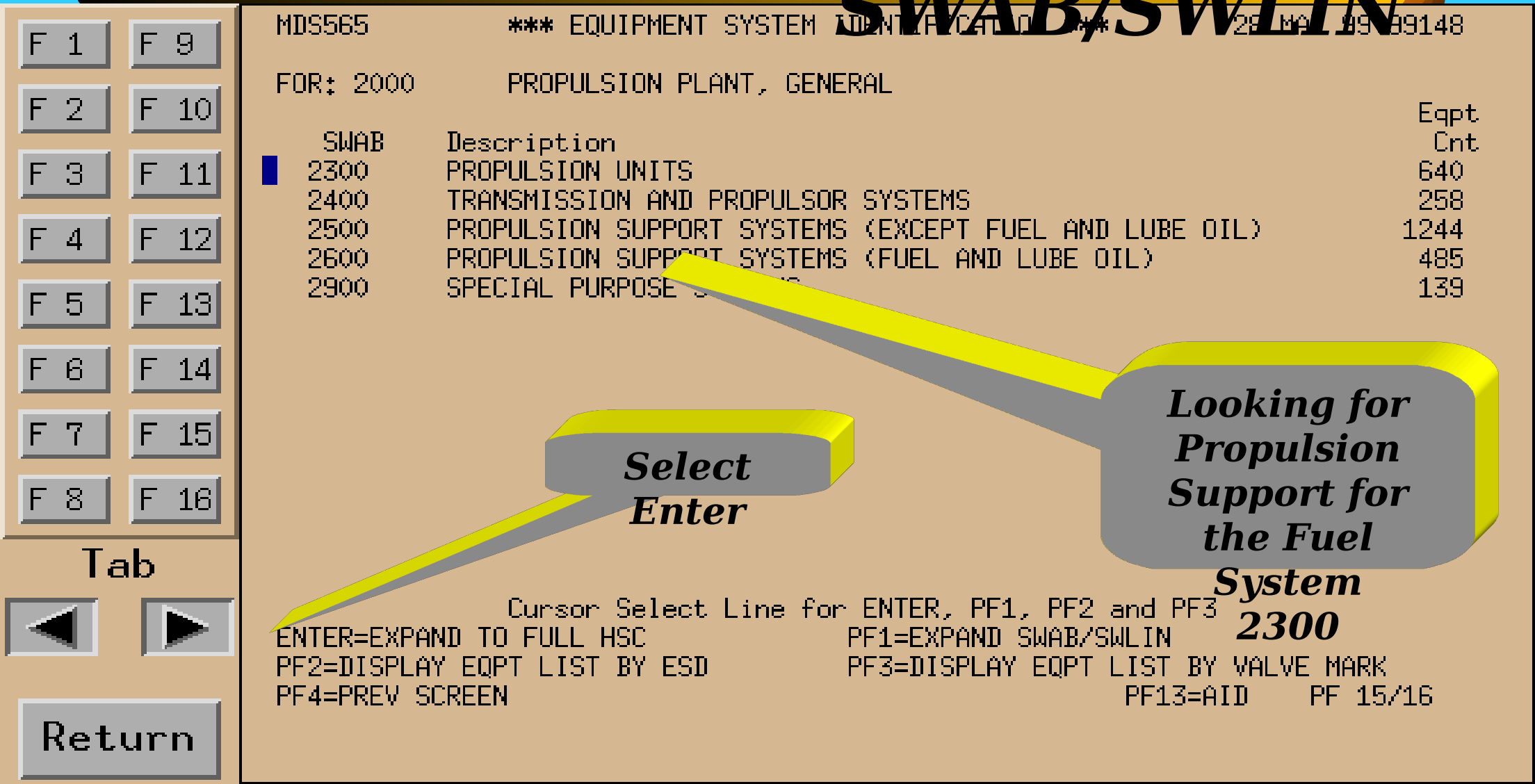
Seven Methods to Penetrate the Equipment File SWAB/SWLIN


Select PF-
1
F 2
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
DS116 *** CHOOSE TYPE OF MAINTENANCE ACTION ***
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is not known.
no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN):
PF2 Select by APL:
PF3 Select by Equipment/System Desig
PF4 Select by Valve Mark/Elec Symb Nb
PF5 Select by RIN:
PF6 Select by EIC:
PF7 Select by Logistics Support Data Ite
Type: Item ID:
To add other types of jobs, select the appro tion:
PF8 Report Installation of an Equipment
PF9 Add Job Not Related to Equipment Conf
PF13 Aid
MIP # will put you in the ball park most of the time

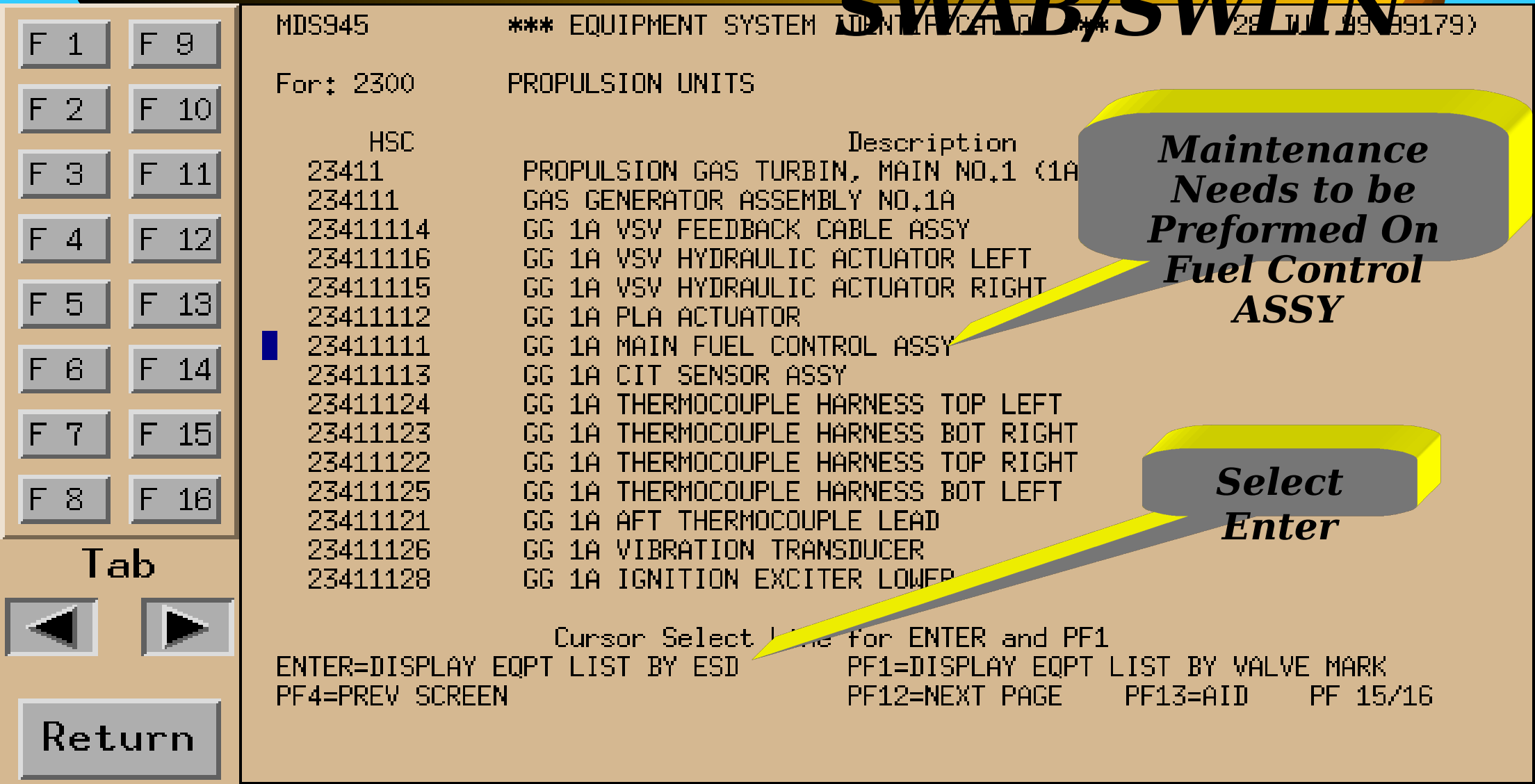
Seven Methods to Penetrate the Equipment File SWAB/SWLIN



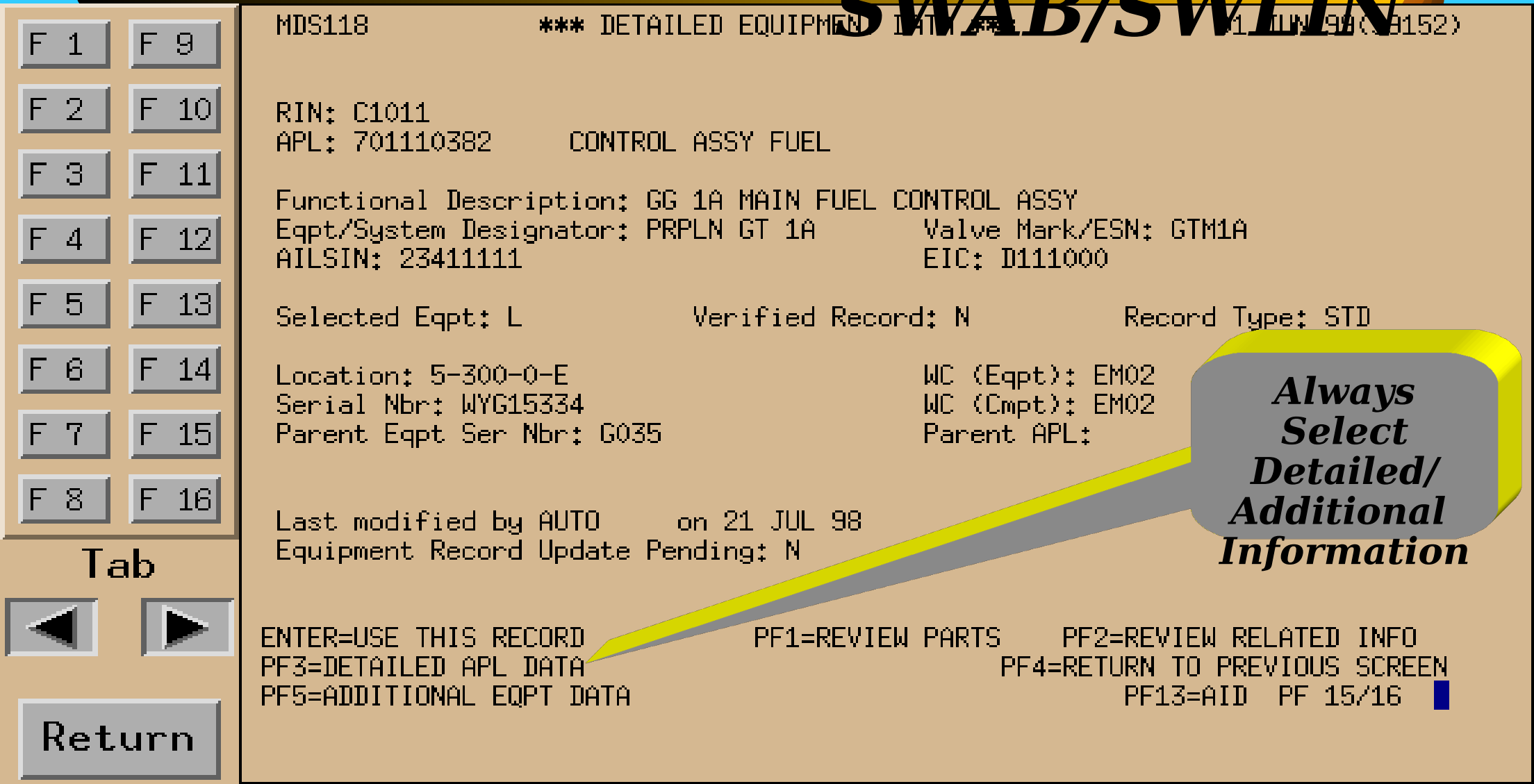
Seven Methods to Penetrate the Equipment File SWAB/SWLIN



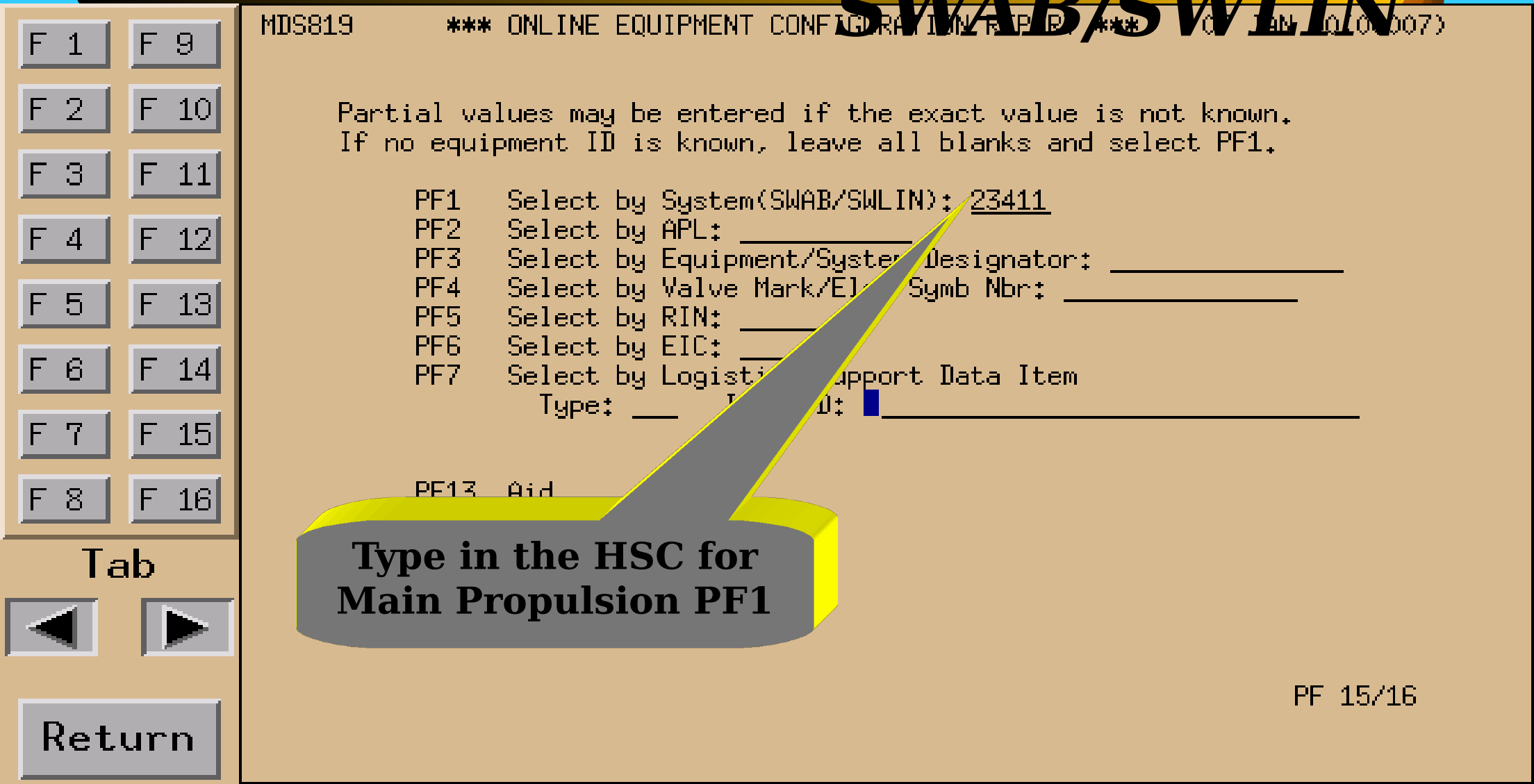
Seven Methods to Penetrate the Equipment File SWAB/SWLIN


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS945 *** EQUIPMENT SYSTEM IDENTIFICATION ***
For: 2300 PROPULSION UNITS
HSC Description
23411 PROPULSION GAS TURBIN, MAIN NO.1 (1A
234111 GAS GENERATOR ASSEMBLY NO.1A
23411114 GG 1A VSV FEEDBACK CABLE ASSY
23411116 GG 1A VSV HYDRAULIC ACTUATOR LEFT
23411115 GG 1A VSV HYDRAULIC ACTUATOR RIGHT
23411112 GG 1A PLA ACTUATOR
23411111 GG 1A MAIN FUEL CONTROL ASSY
23411113 GG 1A CIT SENSOR ASSY
23411124 GG 1A THERMOCOUPLE HARNESS TOP LEFT
23411123 GG 1A THERMOCOUPLE HARNESS BOT RIGHT
23411122 GG 1A THERMOCOUPLE HARNESS TOP RIGHT
23411125 GG 1A THERMOCOUPLE HARNESS BOT LEFT
23411121 GG 1A AFT THERMOCOUPLE LEAD
23411126 GG 1A VIBRATION TRANSDUCER
23411128 GG 1A IGNITION EXCITER LOWER
Cursor Select Line for ENTER and PF1
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK
PF4=PREV SCREEN
PF12=NEXT PAGE
PF13=AID
PF 15/16
Maintenance Needs to be Preformed On Fuel Control ASSY
Select Enter

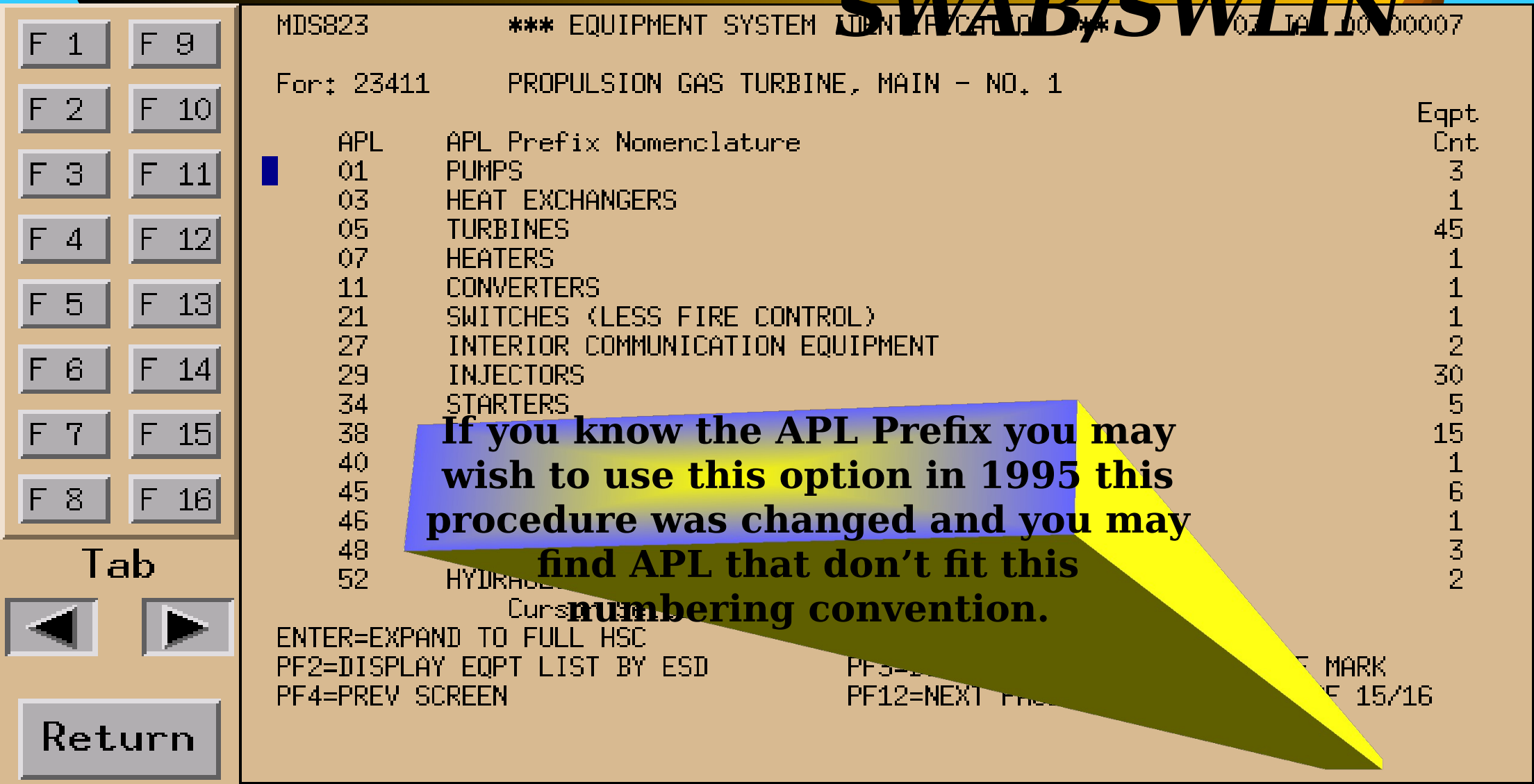
Seven Methods to Penetrate the Equipment File SWAB/SWLIN



Seven Methods to Penetrate the Equipment File SWAB/SWLIN

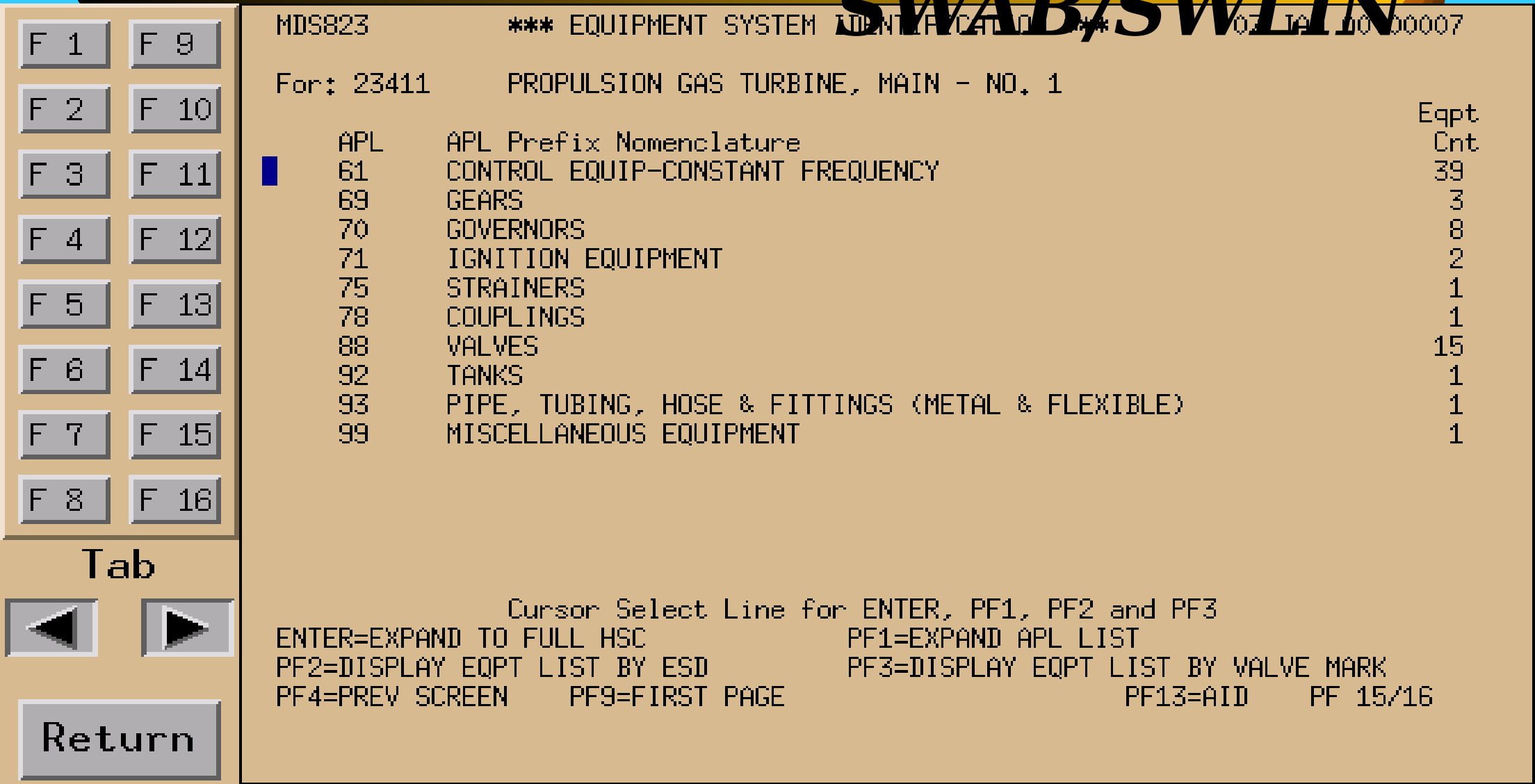


Seven Methods to Penetrate the Equipment File SWAB/SWLIN

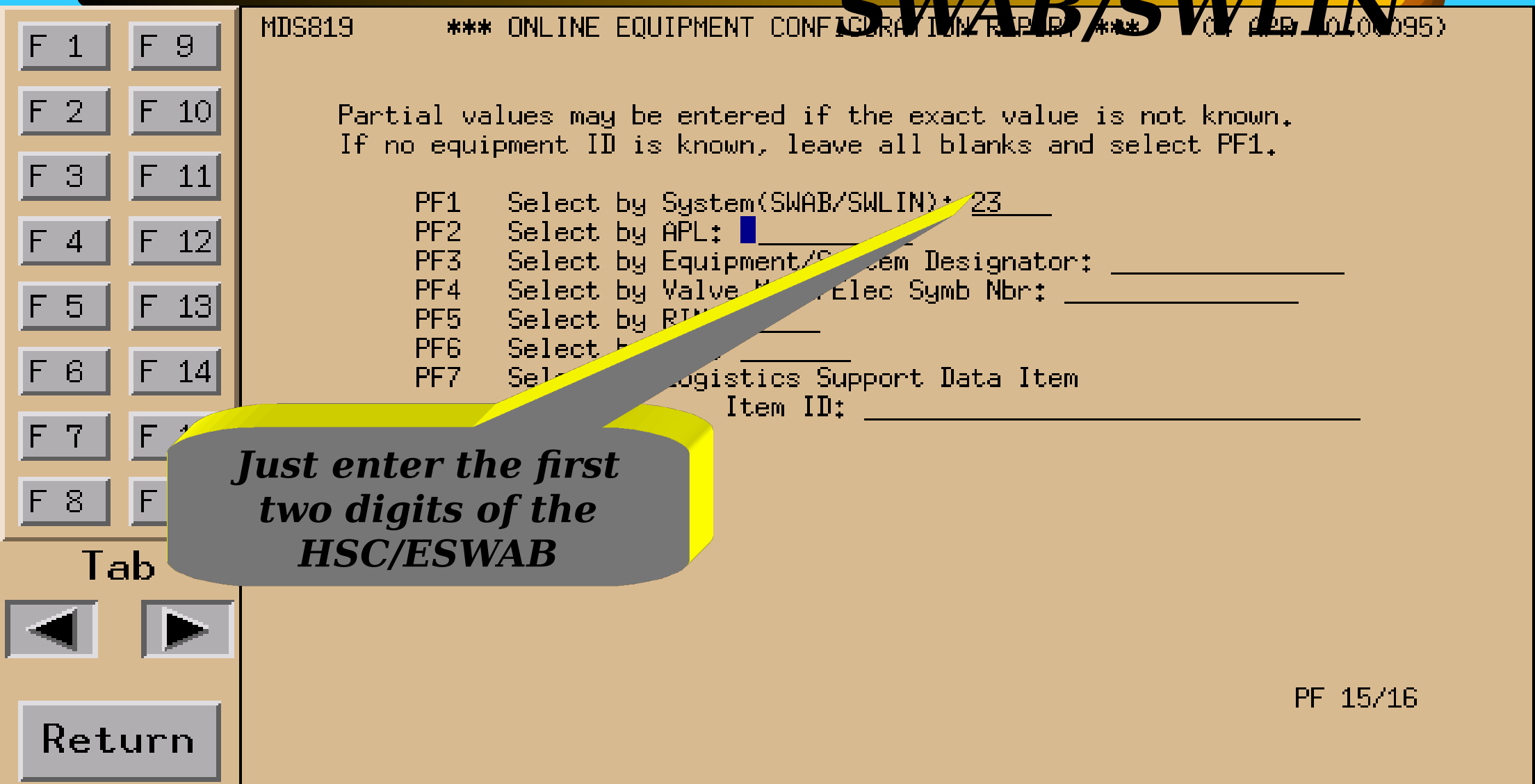


If you know the APL Prefix you may wish to use this option in 1995 this procedure was changed and you may find APL that don't fit this numbering convention.

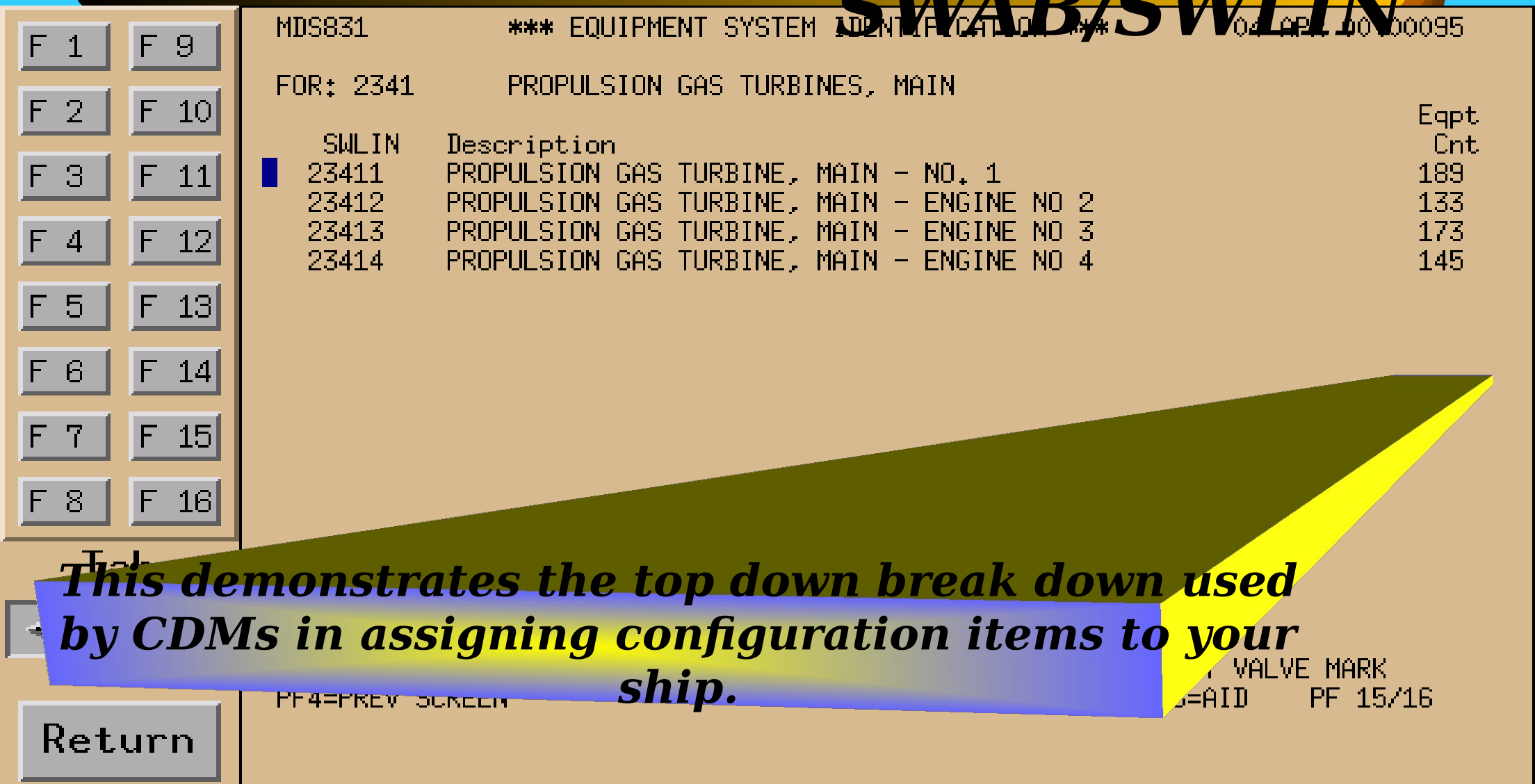
Seven Methods to Penetrate the Equipment File SWAB/SWLIN



Seven Methods to Penetrate the Equipment File SWAB/SWLIN

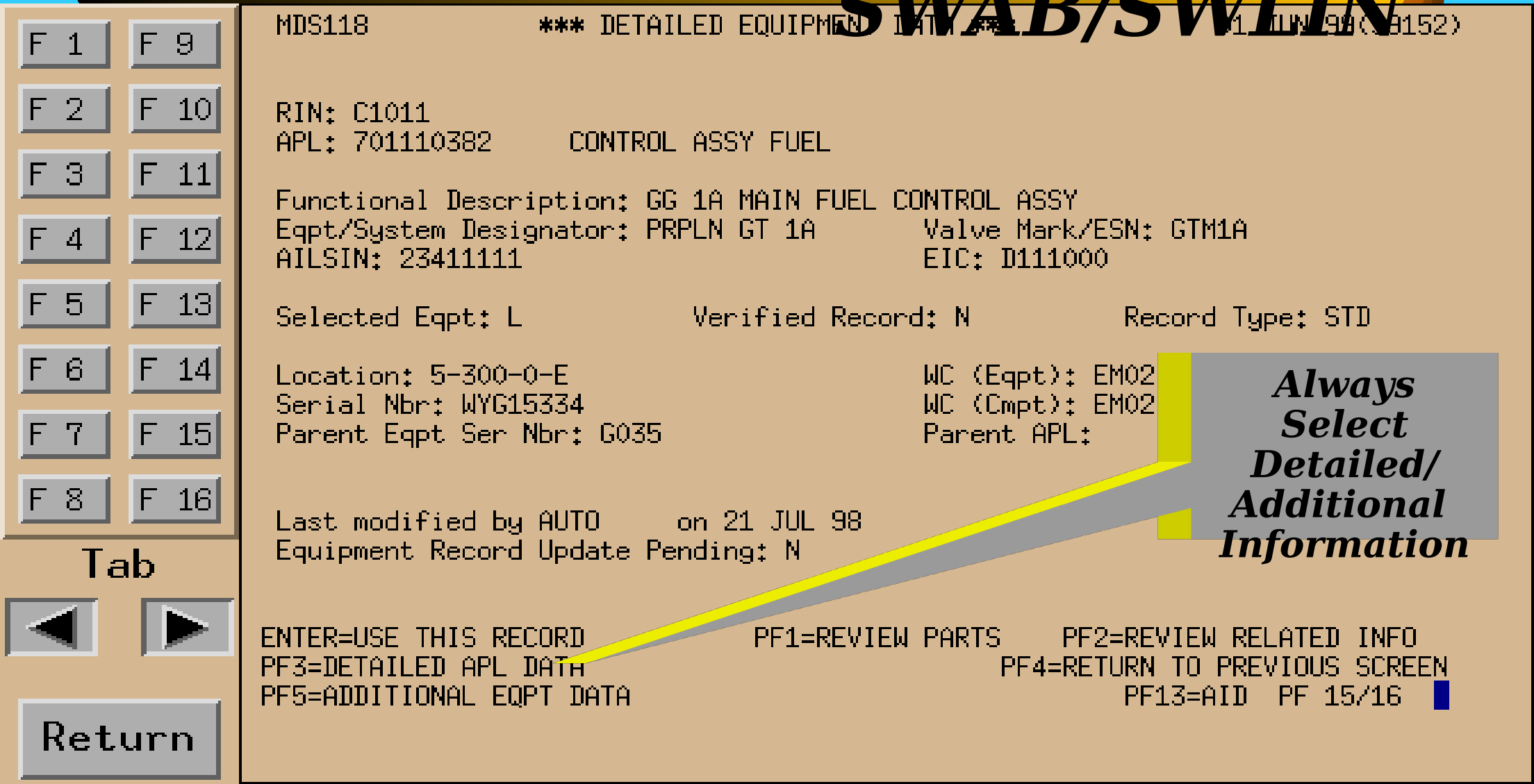


Seven Methods to Penetrate the Equipment File SWAB/SWLIN

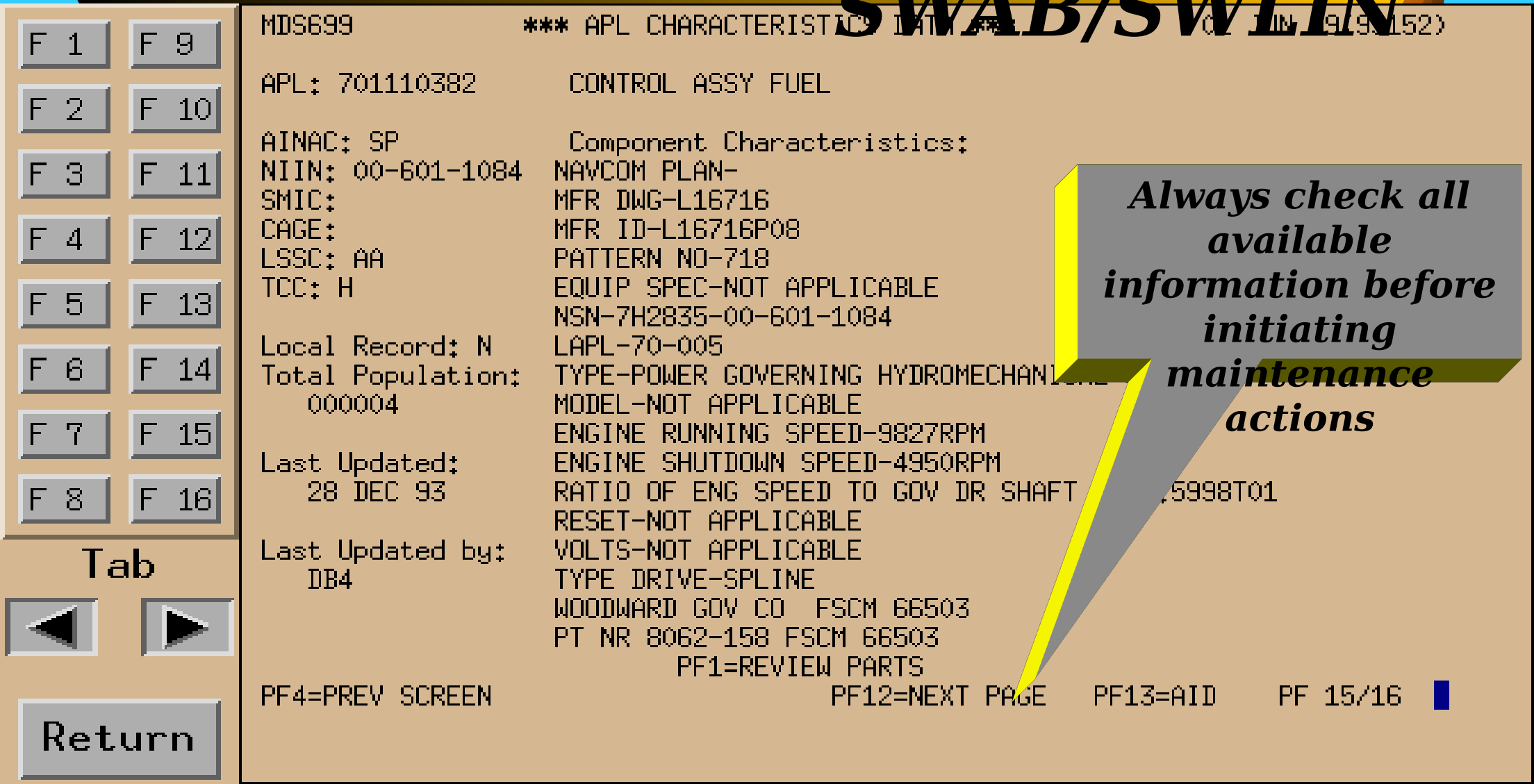


This demonstrates the top down break down used by CDMs in assigning configuration items to your ship.

Seven Methods to Penetrate the Equipment File SWAB/SWLIN



Seven Methods to Penetrate the Equipment File SWAB/SWLIN



Seven Methods to Penetrate the Equipment File SWAB/SWLIN

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS699            *** APL CHARACTERISTICS DATA ***  (01 JAN 91 152)

APL: 701110382      CONTROL ASSY FUEL

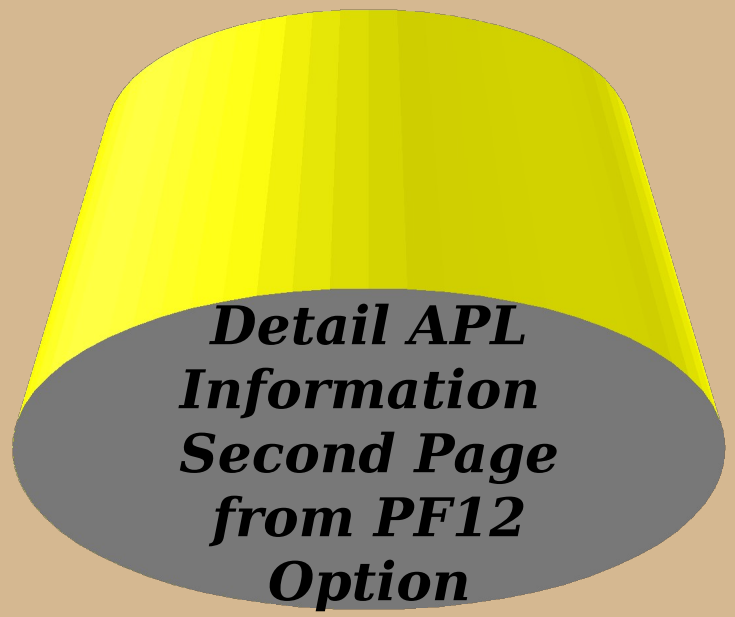
AINAC: SP           Component Characteristics:
NIIN: 00-601-1084   LM2500 MODULE
SMIC:               FSCM-07482
CAGE:               0873
LSSC: AA
TCC: H

Local Record: N
Total Population:
   000004

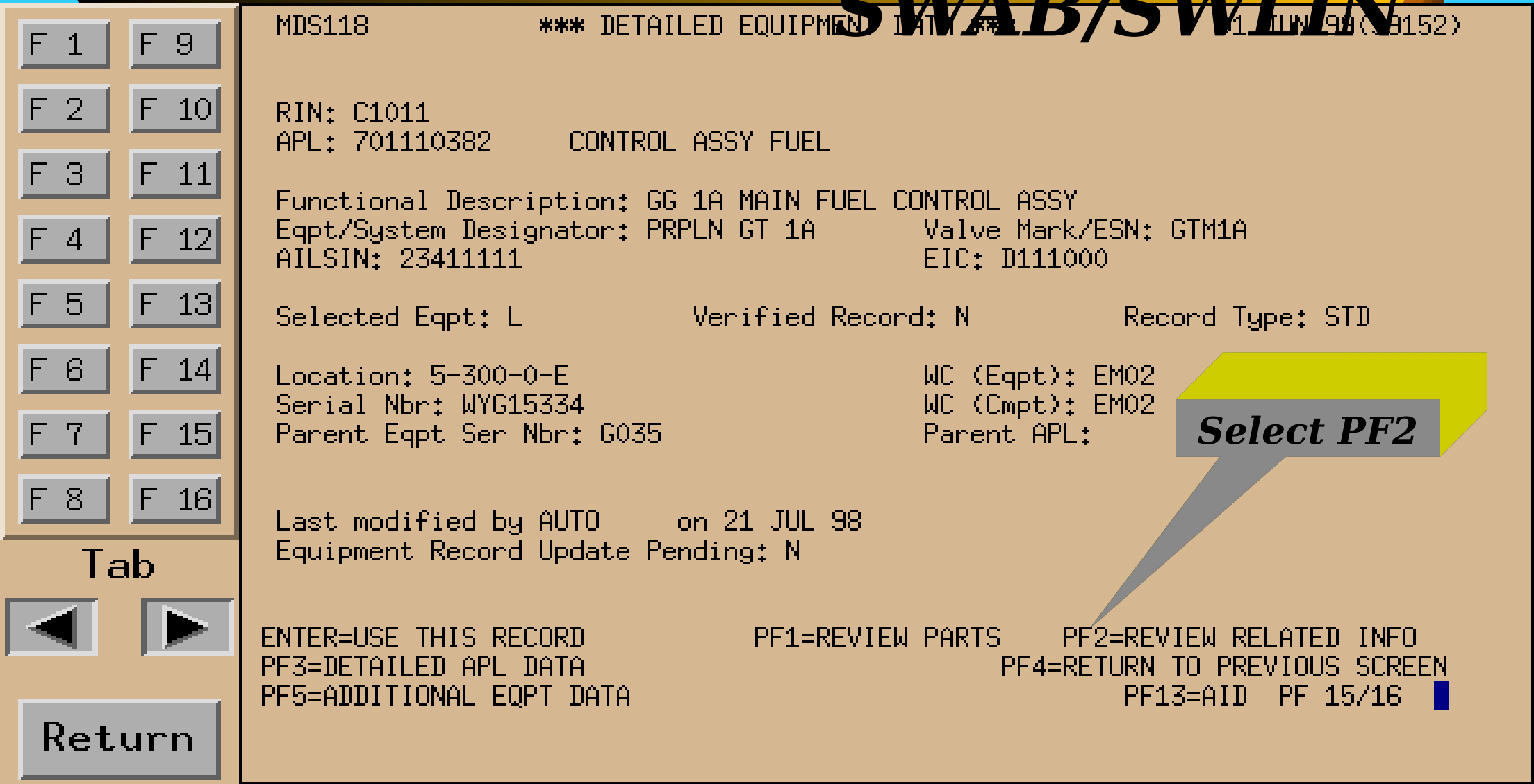
Last Updated:
   28 DEC 93

Last Updated by:
   DB4

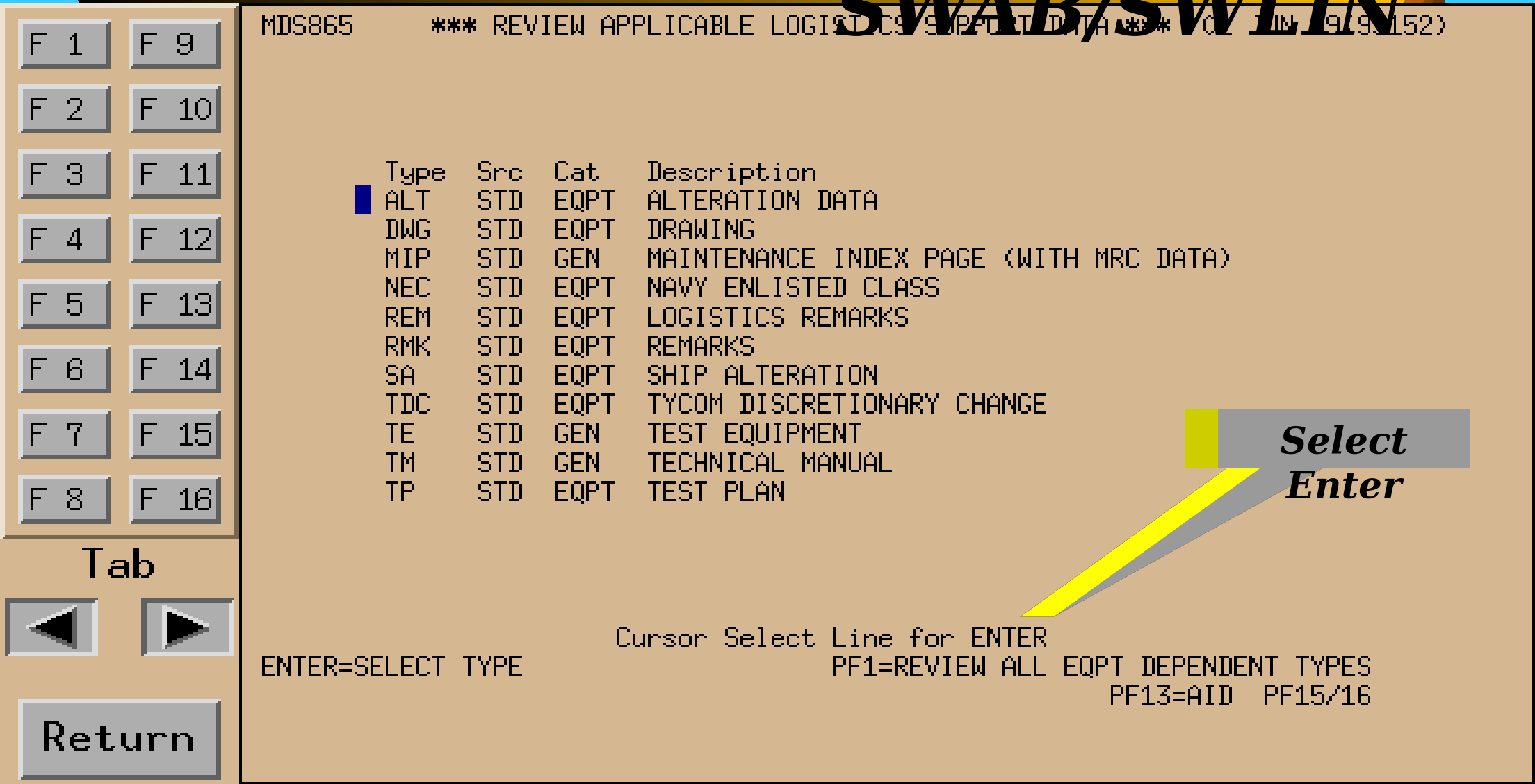
                              PF1=REVIEW PARTS
PF4=PREV SCREEN    PF9=FIRST PAGE              PF13=AID    PF 15/16
```



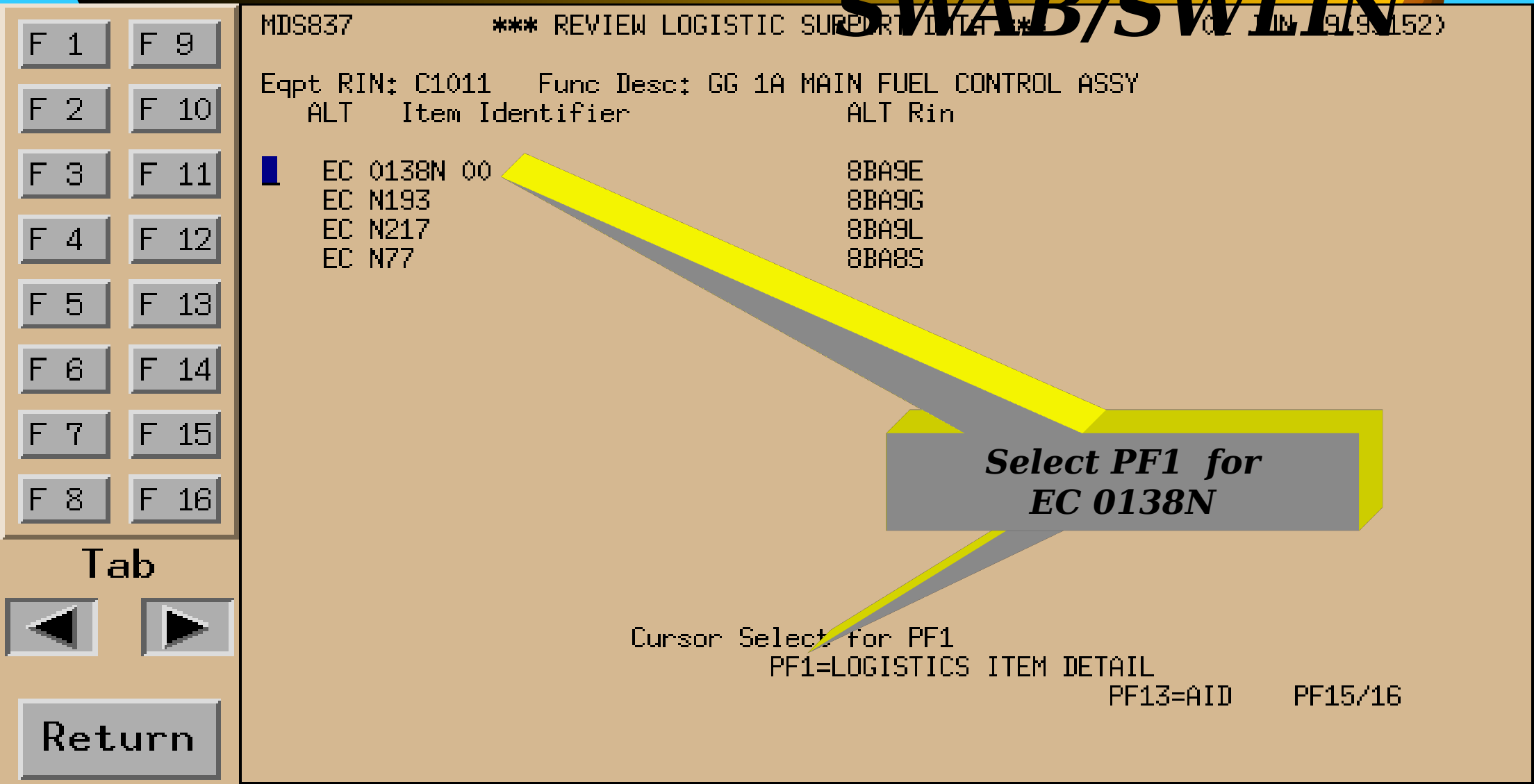
Seven Methods to Penetrate the Equipment File SWAB/SWLIN



Seven Methods to Penetrate the Equipment File SWAB/SWLIN



Seven Methods to Penetrate the Equipment File SWAB/SWLIN



Seven Methods to Penetrate the Equipment File SWAB/SWLIN

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

MDS220 *** DETAILED ALTERATION/FO[illegible] 01 [illegible] 89152)

Alteration Identification: EC 0138N 00

Alteration RIN: 8BA9E

Alt APL: 70EN00138 [illegible]PD ECP N138 VARIBALE STATOR VANE SCHEDULE CLS

Alteration Status: D

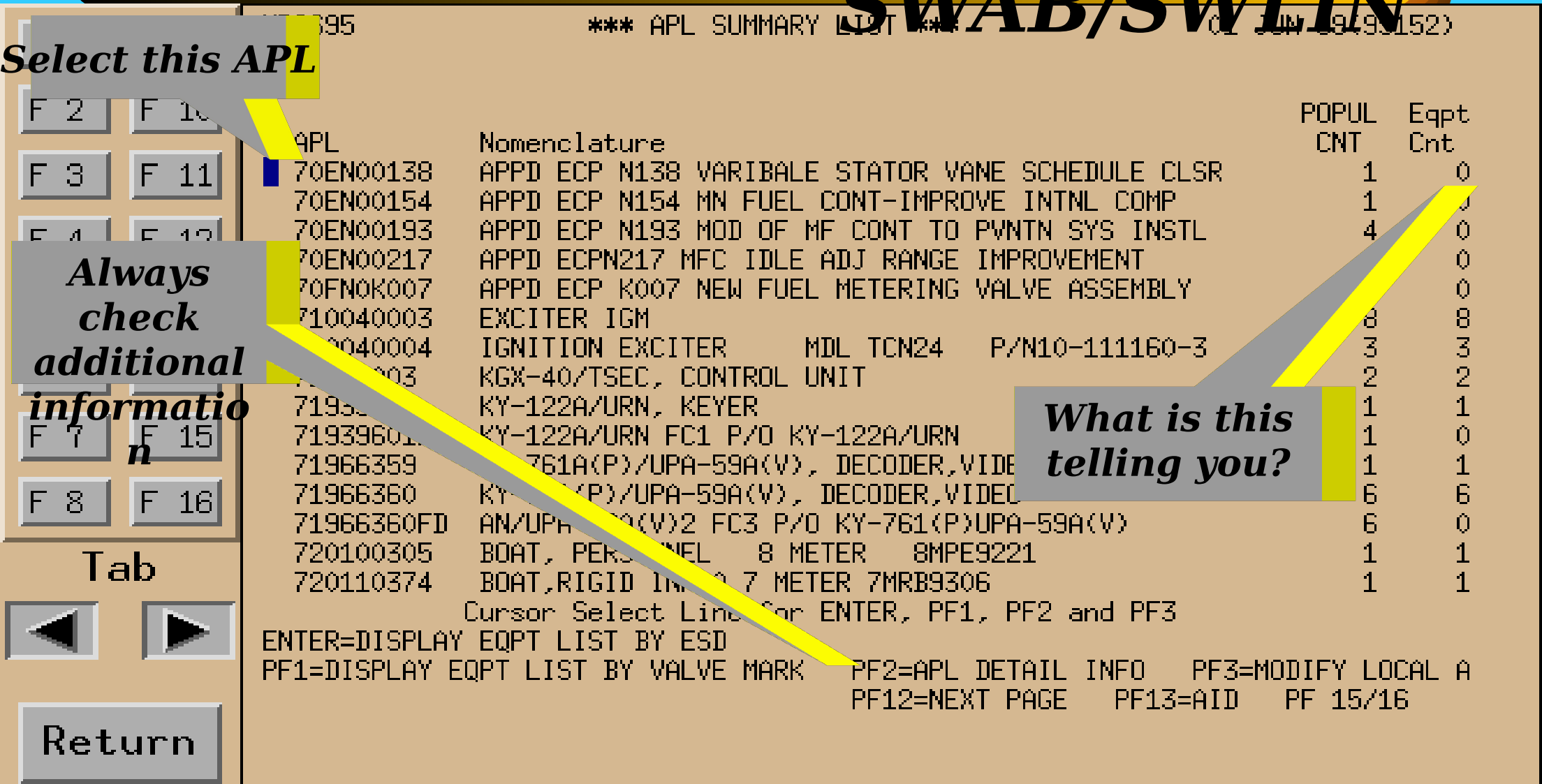
Look up this APL

Parent Equipment Identification:

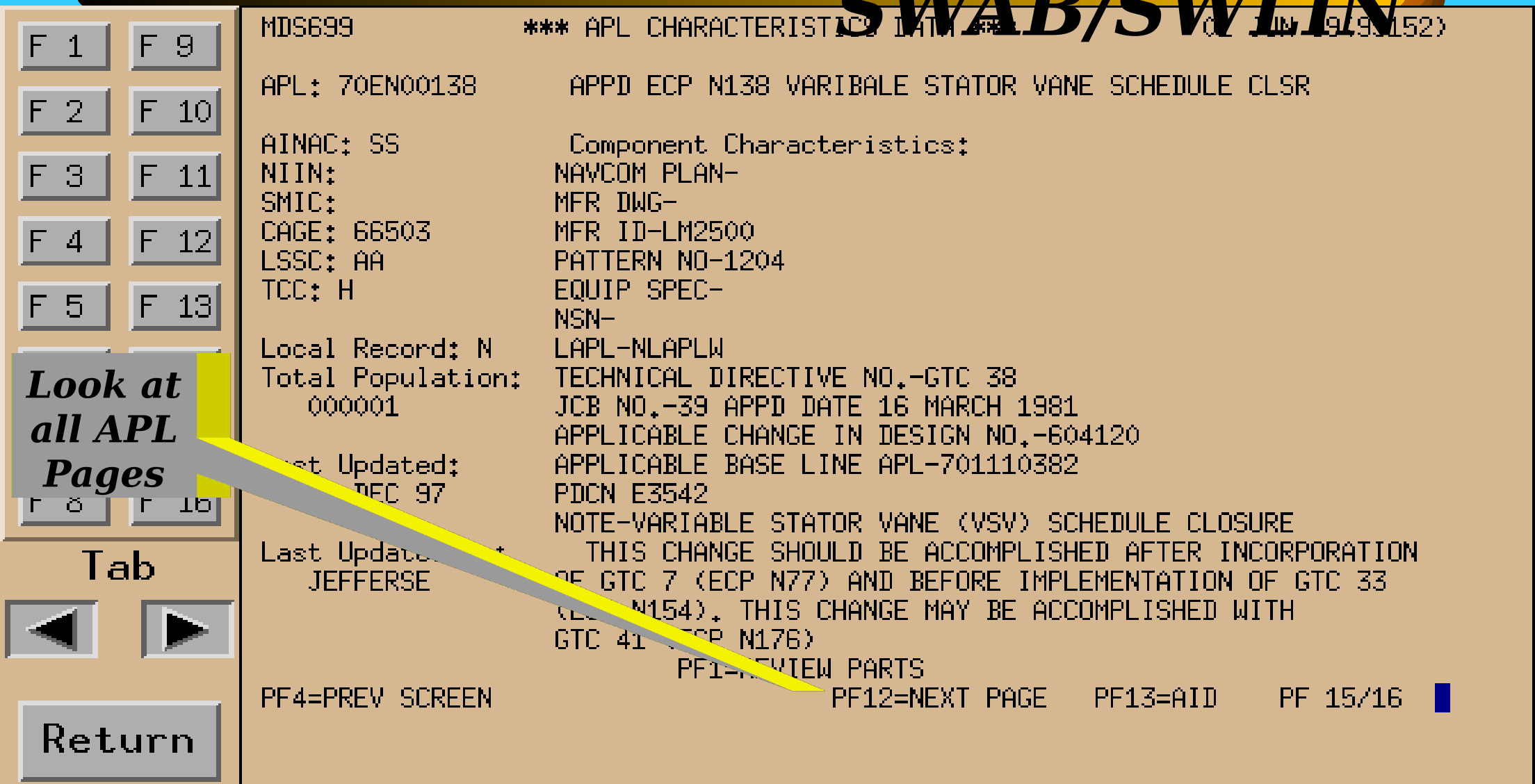
RIN: C1011
APL: 701110382 CONTROL ASSY FUEL

PF4=PREVIOUS SCREEN PF13=AID PF15/16

Seven Methods to Penetrate the Equipment File SWAB/SWLIN


Select this APL
Always check additional information
What is this telling you?
F 2
F 3
F 11
F 7
F 15
F 8
F 16
Tab
Return
*** APL SUMMARY LIST ***
APL
Nomenclature
POPUL CNT
Eqpt Cnt
70EN00138 APPD ECP N138 VARIBALE STATOR VANE SCHEDULE CLSR 1 0
70EN00154 APPD ECP N154 MN FUEL CONT-IMPROVE INTNL COMP 1
70EN00193 APPD ECP N193 MOD OF MF CONT TO PVNTN SYS INSTL 4 0
70EN00217 APPD ECPN217 MFC IDLE ADJ RANGE IMPROVEMENT 0
70FN0K007 APPD ECP K007 NEW FUEL METERING VALVE ASSEMBLY 0
710040003 EXCITER IGM 8 8
0040004 IGNITION EXCITER MDL TCN24 P/N10-111160-3 3 3
003 KGX-40/TSEC, CONTROL UNIT 2 2
KY-122A/URN, KEYER 1 1
KY-122A/URN FC1 P/O KY-122A/URN 1 0
71966359 761A(P)/UPA-59A(V), DECODER,VIDE 1 1
71966360 KY (P)/UPA-59A(V), DECODER,VIDEO 6 6
71966360FD AN/UPA (V)2 FC3 P/O KY-761(P)UPA-59A(V) 6 0
720100305 BOAT, PERS NEL 8 METER 8MPE9221 1 1
720110374 BOAT,RIGID IN 7 METER 7MRB9306 1 1
Cursor Select Line for ENTER, PF1, PF2 and PF3
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK
PF2=APL DETAIL INFO
PF3=MODIFY LOCAL A
PF12=NEXT PAGE
PF13=AID
PF 15/16

Seven Methods to Penetrate the Equipment File SWAB/SWLIN



Seven Methods to Penetrate the Equipment File SWAB/SWLIN

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS699          *** APL CHARACTERISTICS DATA ***  (07 JAN 1998152)

APL: 70EN00138      APPD ECP N138 VARIBALE STATOR VANE SCHEDULE CLSR

AINAC: SS           Component Characteristics:
NIIN:              FSCM-07482
SMIC:              CCF DATE - 09 81
CAGE: 66503
LSSC: AA
TCC: H

Local Record: N
Total Population:
   000001

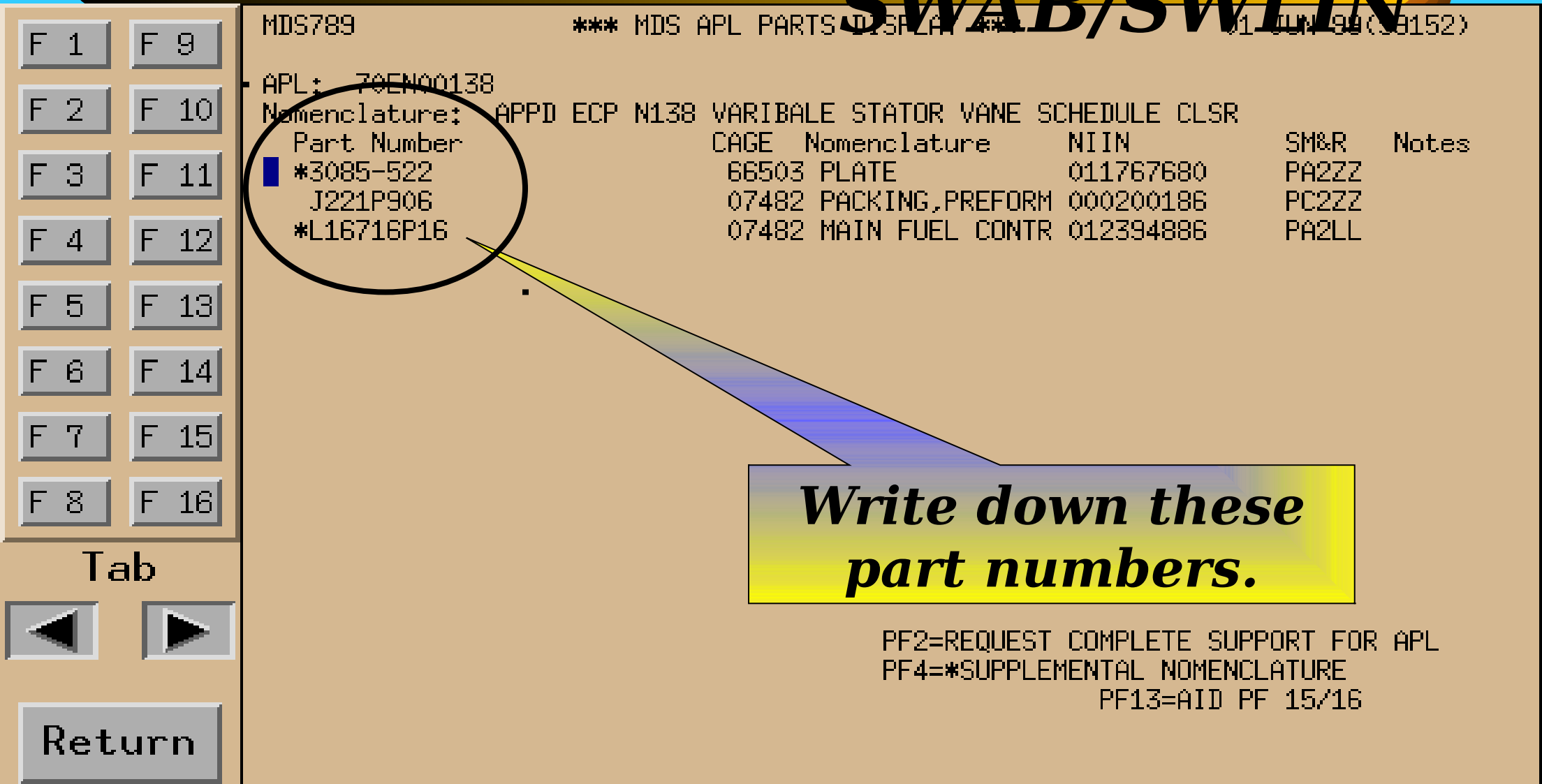
Last Updated:
   11 DEC 97

Last Updated by:
   JEFFERSE

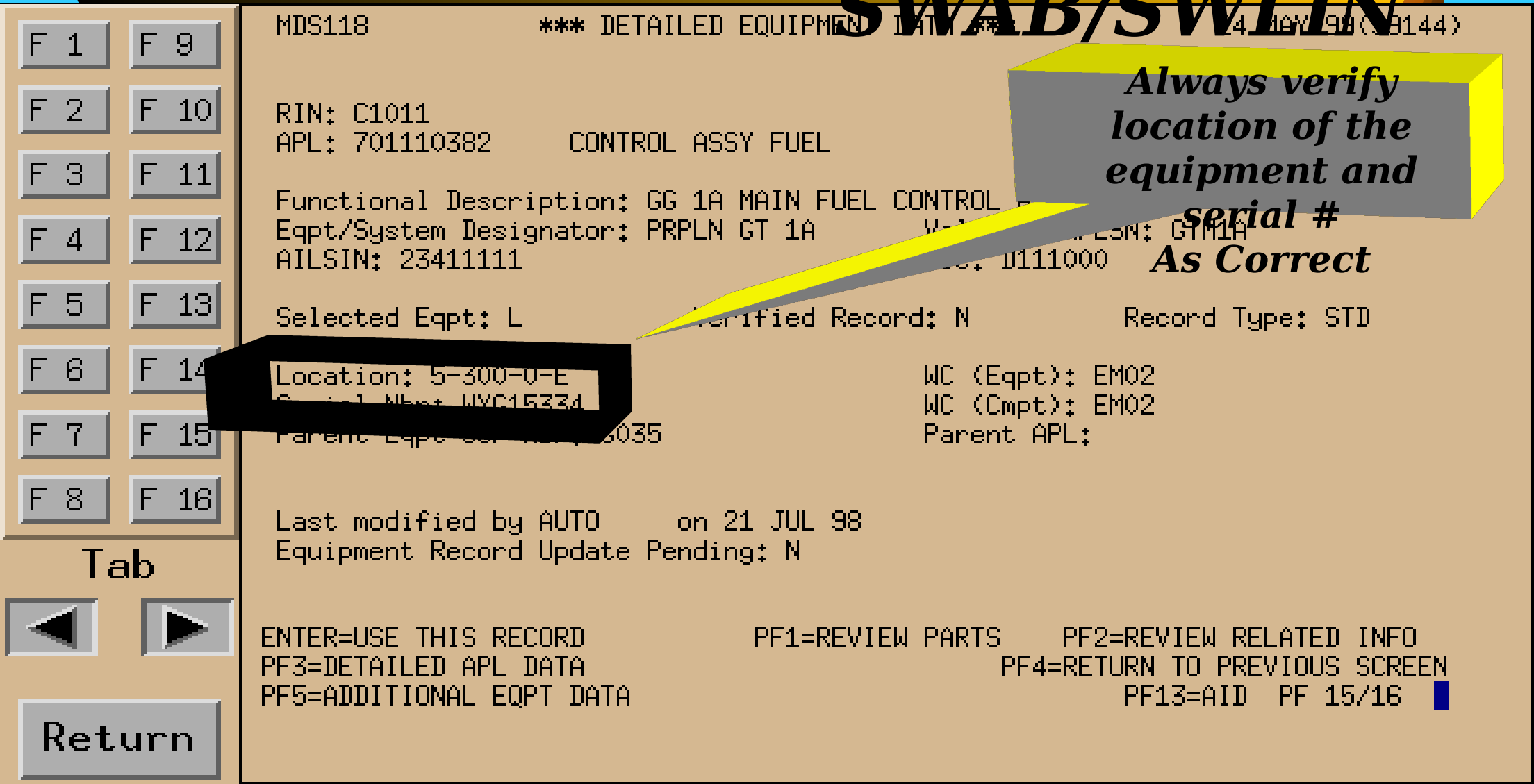

                          PF1=REVIEW PARTS
PF4=PREV SCREEN    PF9=FIRST PAGE          PF13=AID    PF 15/16
```

Check if there are any parts associated with this EC

Seven Methods to Penetrate the Equipment File SWAB/SWLIN

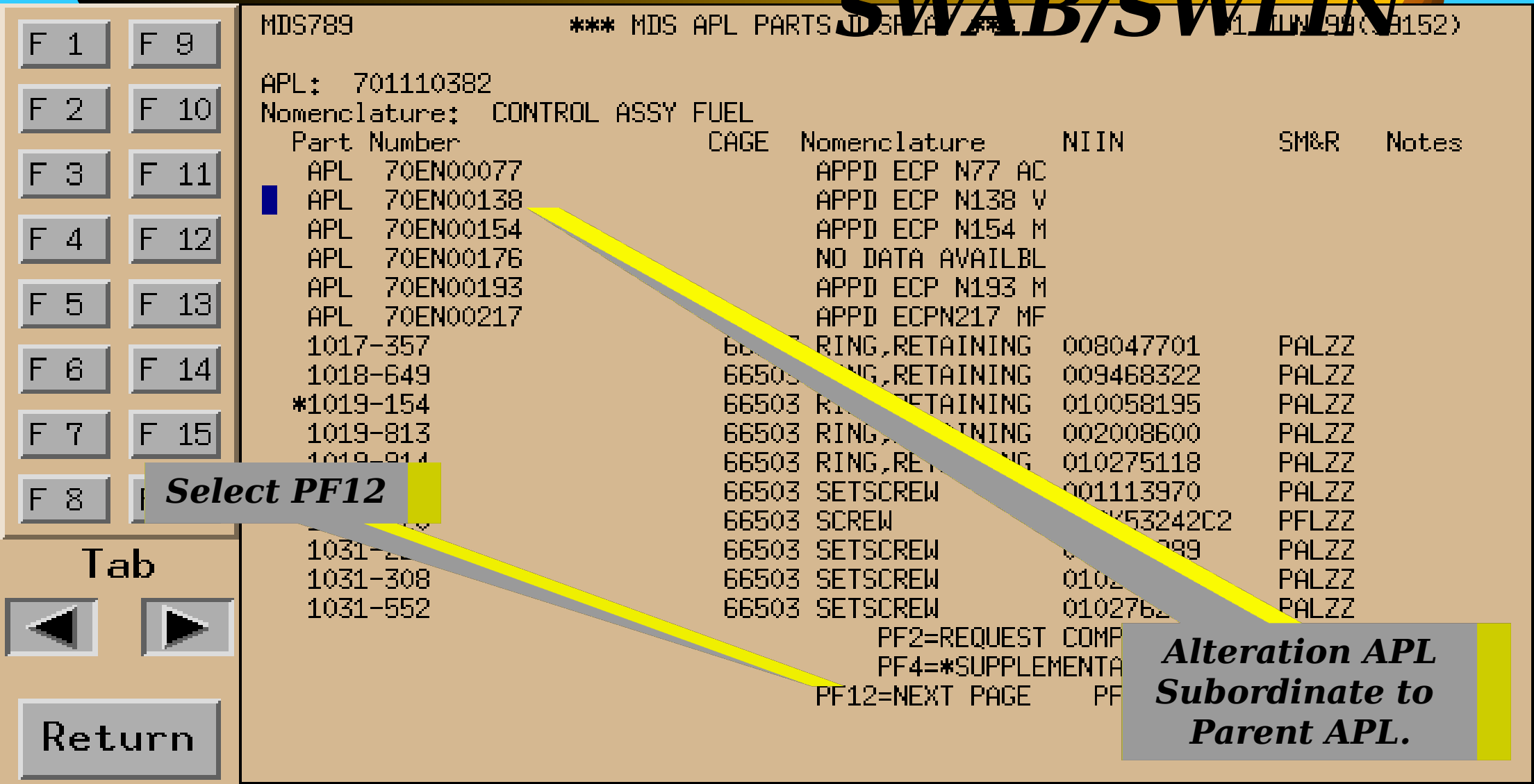


Seven Methods to Penetrate the Equipment File SWAB/SWLIN

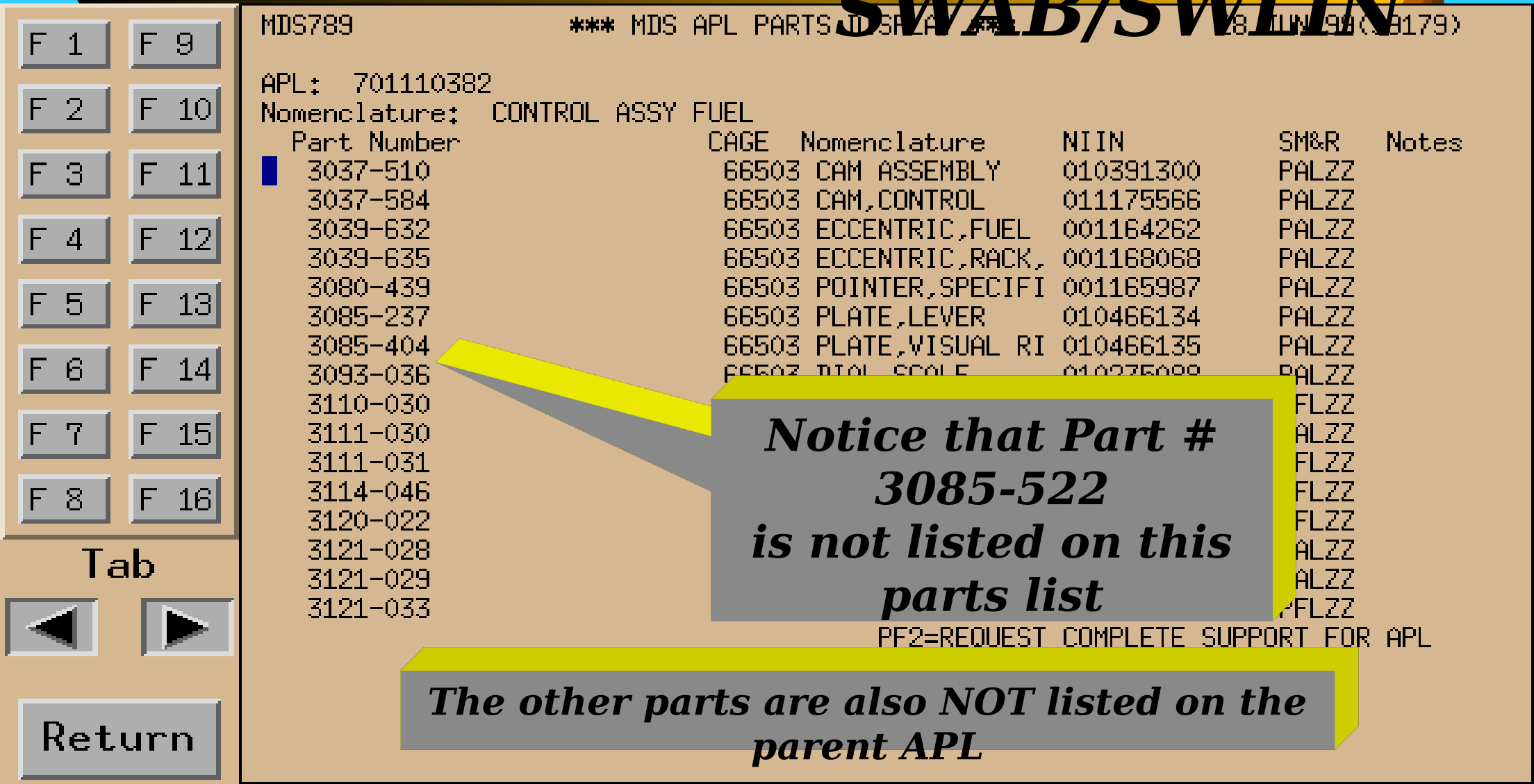


Always verify location of the equipment and serial # As Correct

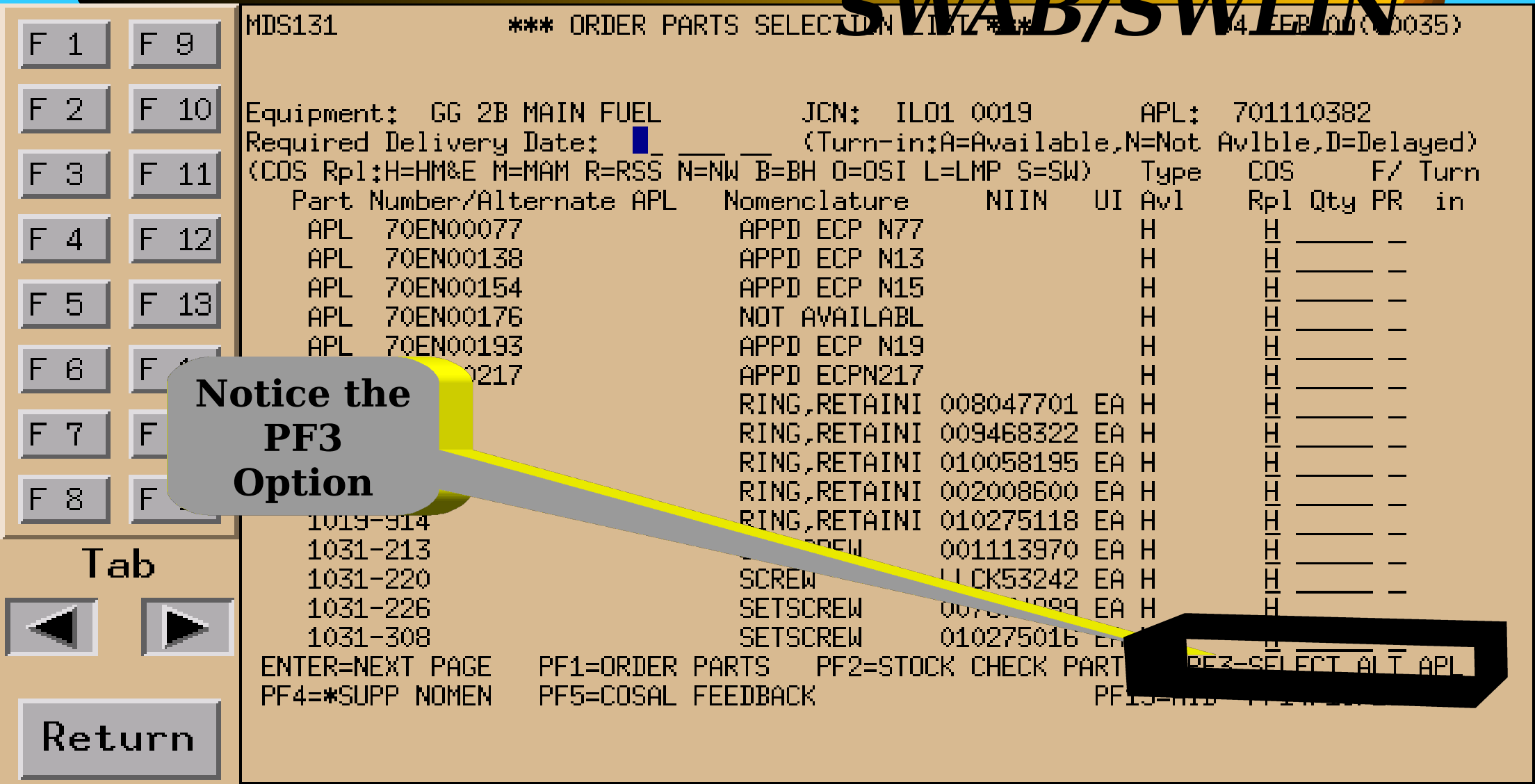
Seven Methods to Penetrate the Equipment File SWAB/SWLIN



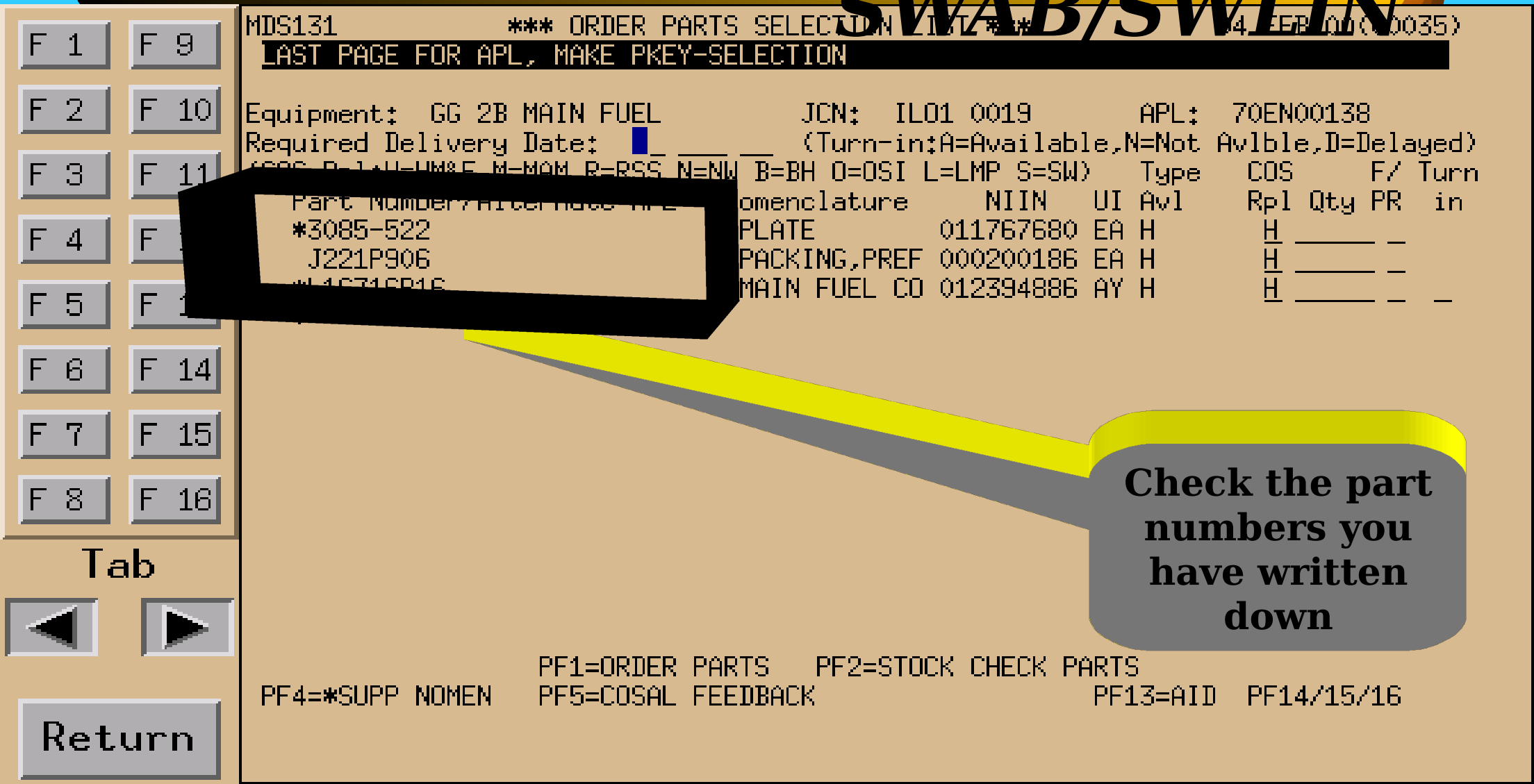
Seven Methods to Penetrate the Equipment File SWAB/SWLIN



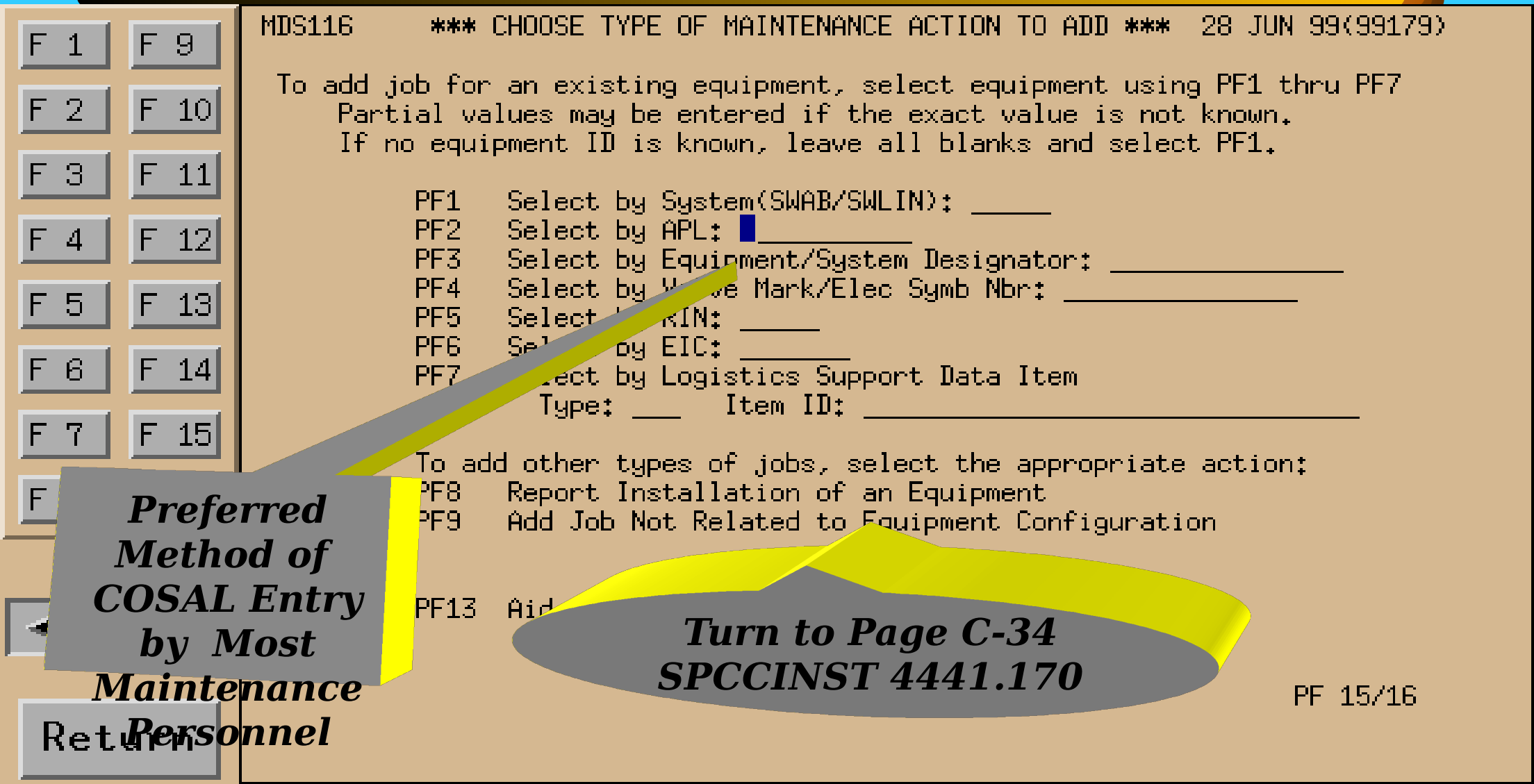
Seven Methods to Penetrate the Equipment File SWAB/SWLIN


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 7
F 8
Tab
Return
MDS131 *** ORDER PARTS SELECTION LIST ***
Equipment: GG 2B MAIN FUEL JCN: ILO1 0019 APL: 701110382
Required Delivery Date: (Turn-in:A=Available,N=Not Avlble,D=Delayed)
(COS Rpl:H=HM&E M=MAM R=RSS N=NW B=BH O=OSI L=LMP S=SW) Type COS F/ Turn
Part Number/Alternate APL Nomenclature NIIN UI Avl Rpl Qty PR in
APL 70EN00077 APPD ECP N77 H H
APL 70EN00138 APPD ECP N13 H H
APL 70EN00154 APPD ECP N15 H H
APL 70EN00176 NOT AVAILABL H H
APL 70EN00193 APPD ECP N19 H H
APPD ECPN217 H H
RING,RETAINI 008047701 EA H H
RING,RETAINI 009468322 EA H H
RING,RETAINI 010058195 EA H H
RING,RETAINI 002008600 EA H H
RING,RETAINI 010275118 EA H H
1031-213 001113970 EA H H
1031-220 SCREW LICK53242 EA H H
1031-226 SETSCREW EA H H
1031-308 SETSCREW 010275016
ENTER=NEXT PAGE PF1=ORDER PARTS PF2=STOCK CHECK PART
PF4=*SUPP NOMEN PF5=COSAL FEEDBACK
Notice the PF3 Option

Seven Methods to Penetrate the Equipment File SWAB/SWLIN



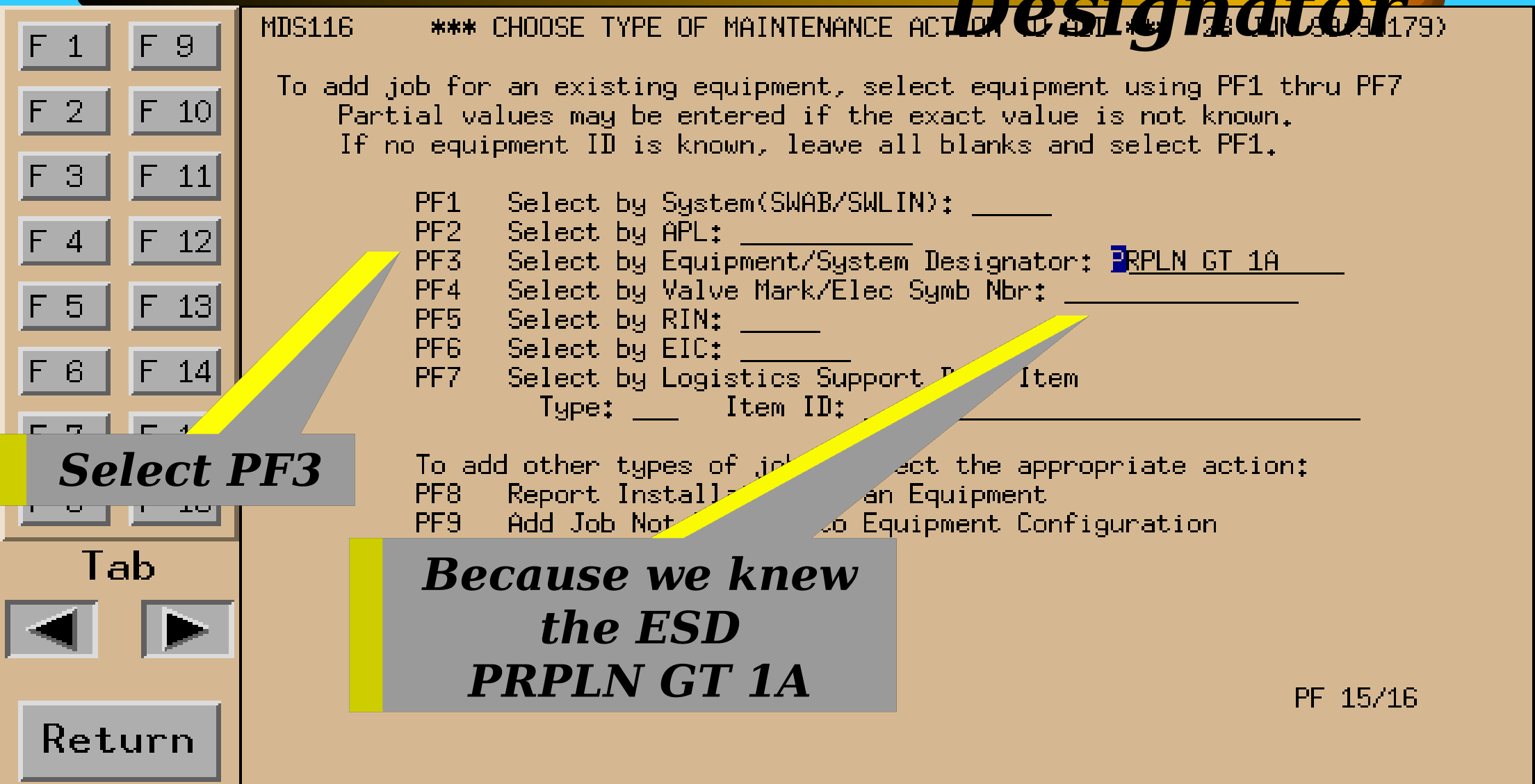
Entering the Equipment File Using APL/AEL


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
Return
MDS116 *** CHOOSE TYPE OF MAINTENANCE ACTION TO ADD *** 28 JUN 99(99179)
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN): _____
PF2 Select by APL: _____
PF3 Select by Equipment/System Designator: _____
PF4 Select by Work Unit Code Mark/Elec Symb Nbr: _____
PF5 Select by SWLIN: _____
PF6 Select by EIC: _____
PF7 Select by Logistics Support Data Item
Type: ___ Item ID: _____
To add other types of jobs, select the appropriate action:
PF8 Report Installation of an Equipment
PF9 Add Job Not Related to Equipment Configuration
PF13 Aid
PF 15/16

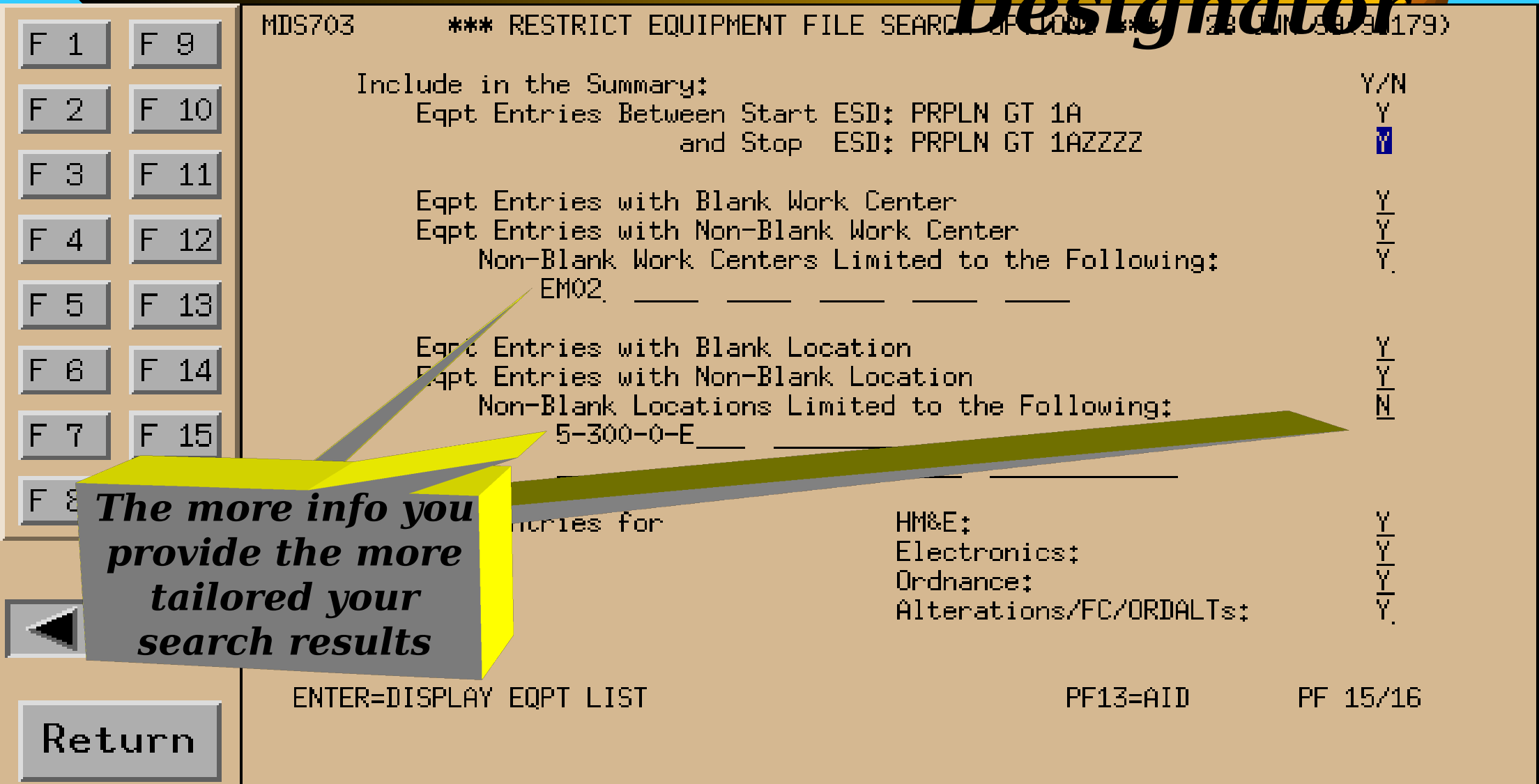
Preferred Method of COSAL Entry by Most Maintenance Personnel

Turn to Page C-34 SPCCINST 4441.170

Entering the Equipment File Using Equipment System Designator


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
Tab
Return
MDS116 *** CHOOSE TYPE OF MAINTENANCE ACTION
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN): _____
PF2 Select by APL: _____
PF3 Select by Equipment/System Designator: PRPLN GT 1A
PF4 Select by Valve Mark/Elec Symb Nbr: _____
PF5 Select by RIN: _____
PF6 Select by EIC: _____
PF7 Select by Logistics Support
Item
Type: ___ Item ID:
To add other types of
ect the appropriate action:
PF8 Report Install
an Equipment
PF9 Add Job Not
o Equipment Configuration
PF 15/16
Select PF3
Because we knew the ESD PRPLN GT 1A

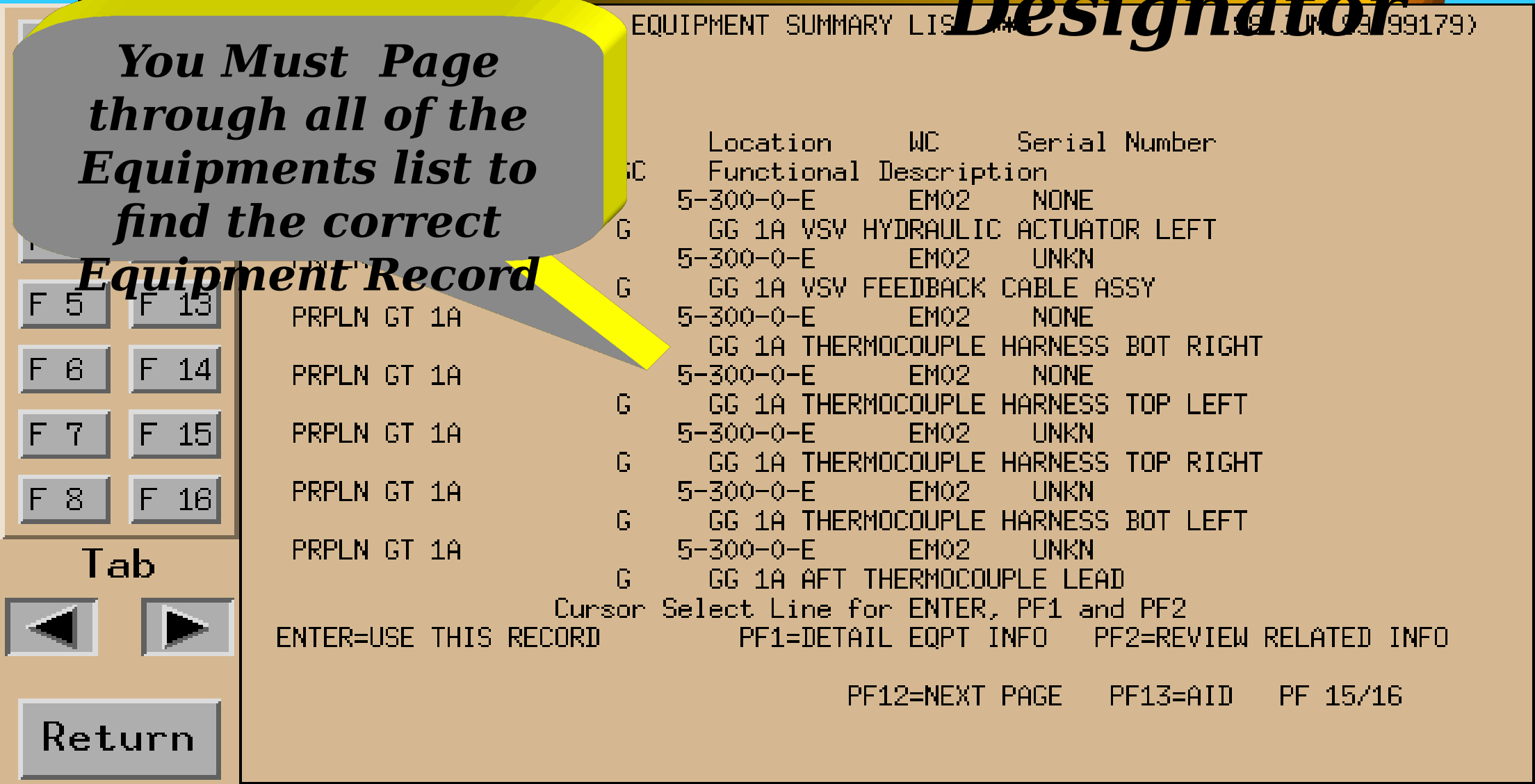
Entering the Equipment File Using Equipment System Designator



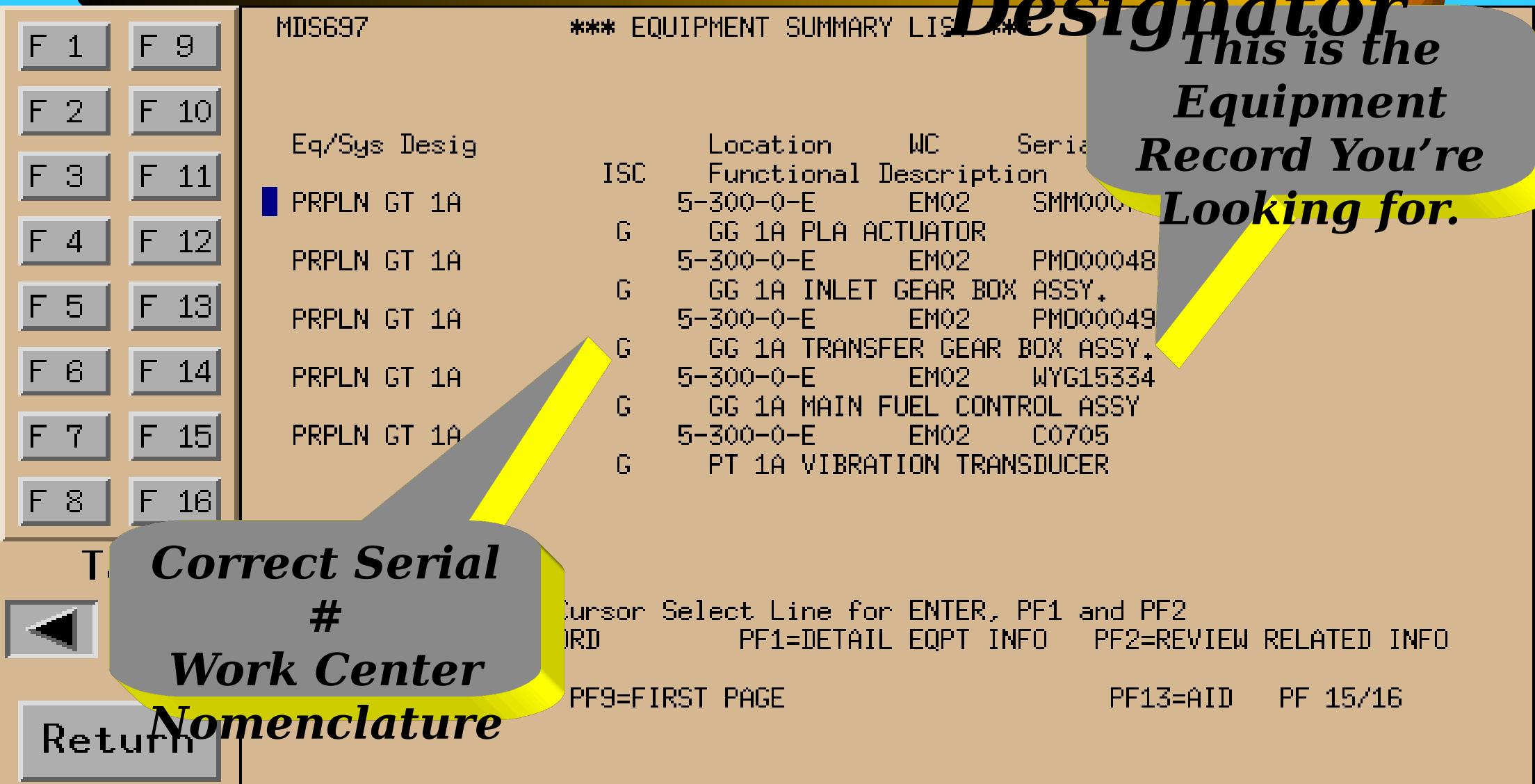
The more info you provide the more tailored your search results

Entering the Equipment File Using Equipment System Designator

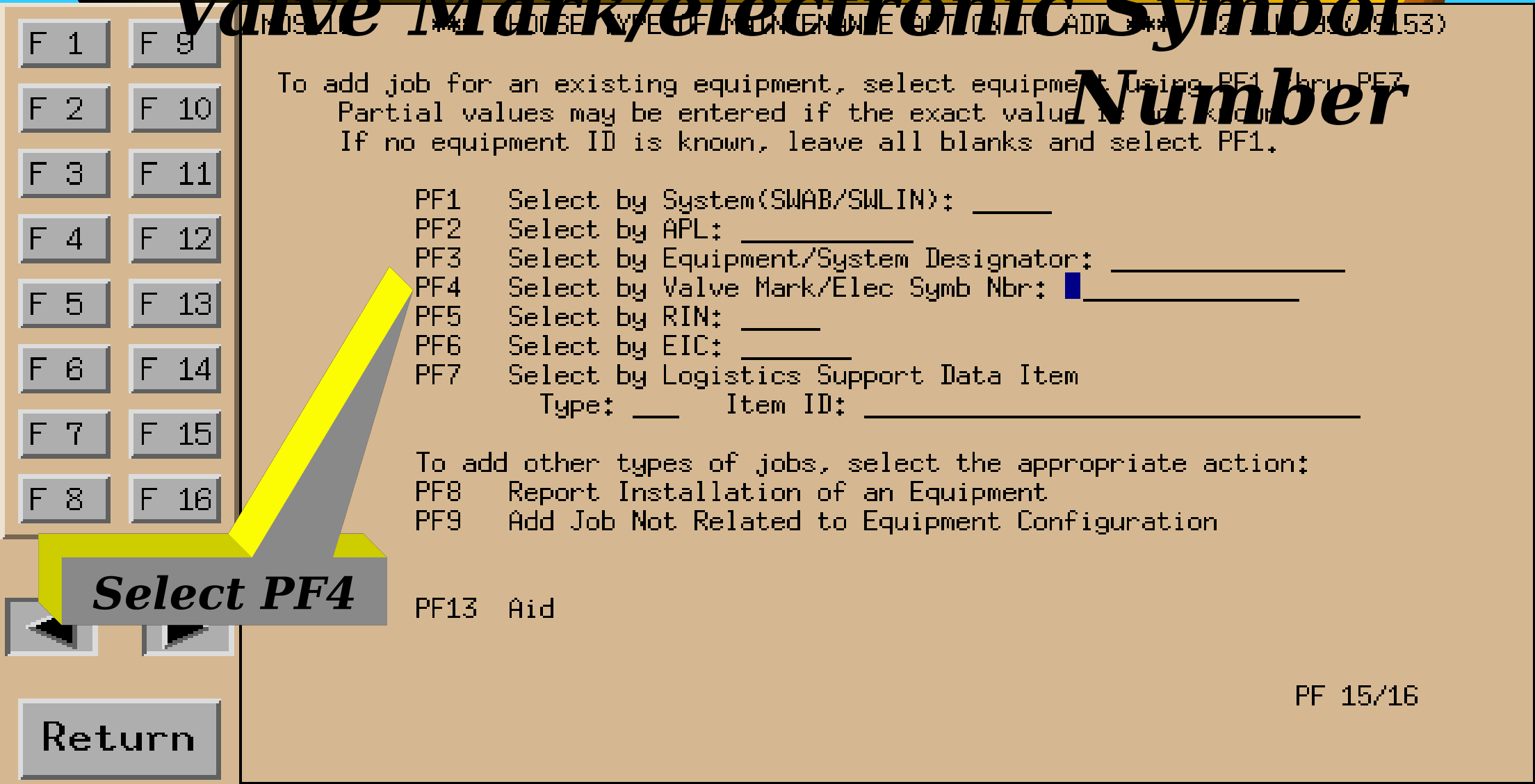
You Must Page through all of the Equipments list to find the correct Equipment Record


EQUIPMENT SUMMARY LIS
Location WC Serial Number
SC Functional Description
5-300-0-E EMO2 NONE
G GG 1A VSV HYDRAULIC ACTUATOR LEFT
5-300-0-E EMO2 UNKN
G GG 1A VSV FEEDBACK CABLE ASSY
PRPLN GT 1A 5-300-0-E EMO2 NONE
GG 1A THERMOCOUPLE HARNESS BOT RIGHT
PRPLN GT 1A 5-300-0-E EMO2 NONE
G GG 1A THERMOCOUPLE HARNESS TOP LEFT
PRPLN GT 1A 5-300-0-E EMO2 UNKN
G GG 1A THERMOCOUPLE HARNESS TOP RIGHT
PRPLN GT 1A 5-300-0-E EMO2 UNKN
G GG 1A THERMOCOUPLE HARNESS BOT LEFT
PRPLN GT 1A 5-300-0-E EMO2 UNKN
G GG 1A AFT THERMOCOUPLE LEAD
Cursor Select Line for ENTER, PF1 and PF2
ENTER=USE THIS RECORD PF1=DETAIL EQPT INFO PF2=REVIEW RELATED INFO
PF12=NEXT PAGE PF13=AID PF 15/16
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return

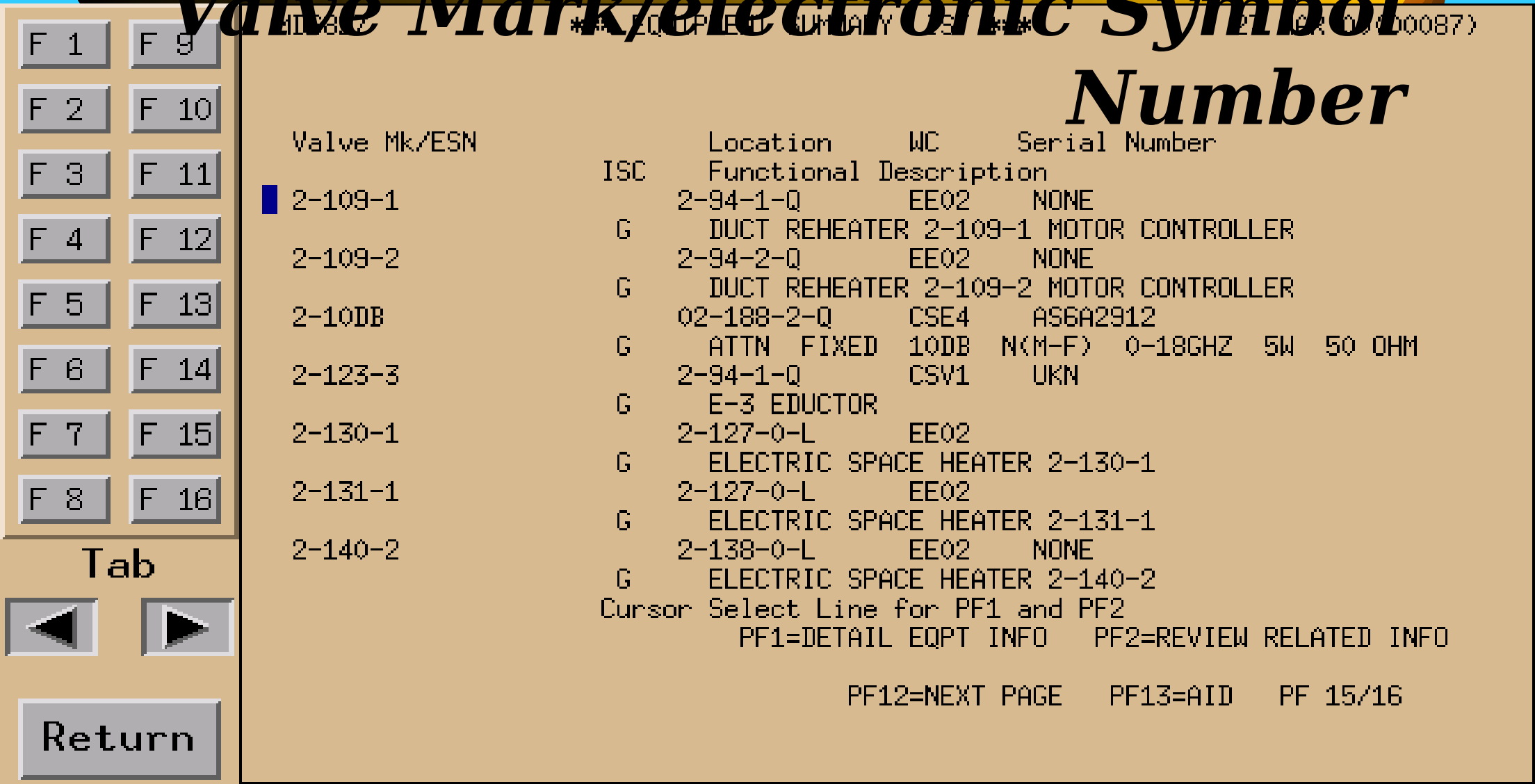
Entering the Equipment File Using Equipment System Designator


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Return
MDS697 *** EQUIPMENT SUMMARY LIS *
Eq/Sys Desig Location WC Seria
ISC Functional Description
PRPLN GT 1A 5-300-0-E EM02 SMM000
G GG 1A PLA ACTUATOR
PRPLN GT 1A 5-300-0-E EM02 PM000048
G GG 1A INLET GEAR BOX ASSY.
PRPLN GT 1A 5-300-0-E EM02 PM000049
G GG 1A TRANSFER GEAR BOX ASSY.
PRPLN GT 1A 5-300-0-E EM02 WYG15334
G GG 1A MAIN FUEL CONTROL ASSY
PRPLN GT 1A 5-300-0-E EM02 C0705
G PT 1A VIBRATION TRANSDUCER
Cursor Select Line for ENTER, PF1 and PF2
ORD PF1=DETAIL EQPT INFO PF2=REVIEW RELATED INFO
PF9=FIRST PAGE PF13=AID PF 15/16
This is the Equipment Record You're Looking for.
Correct Serial # Work Center Nomenclature

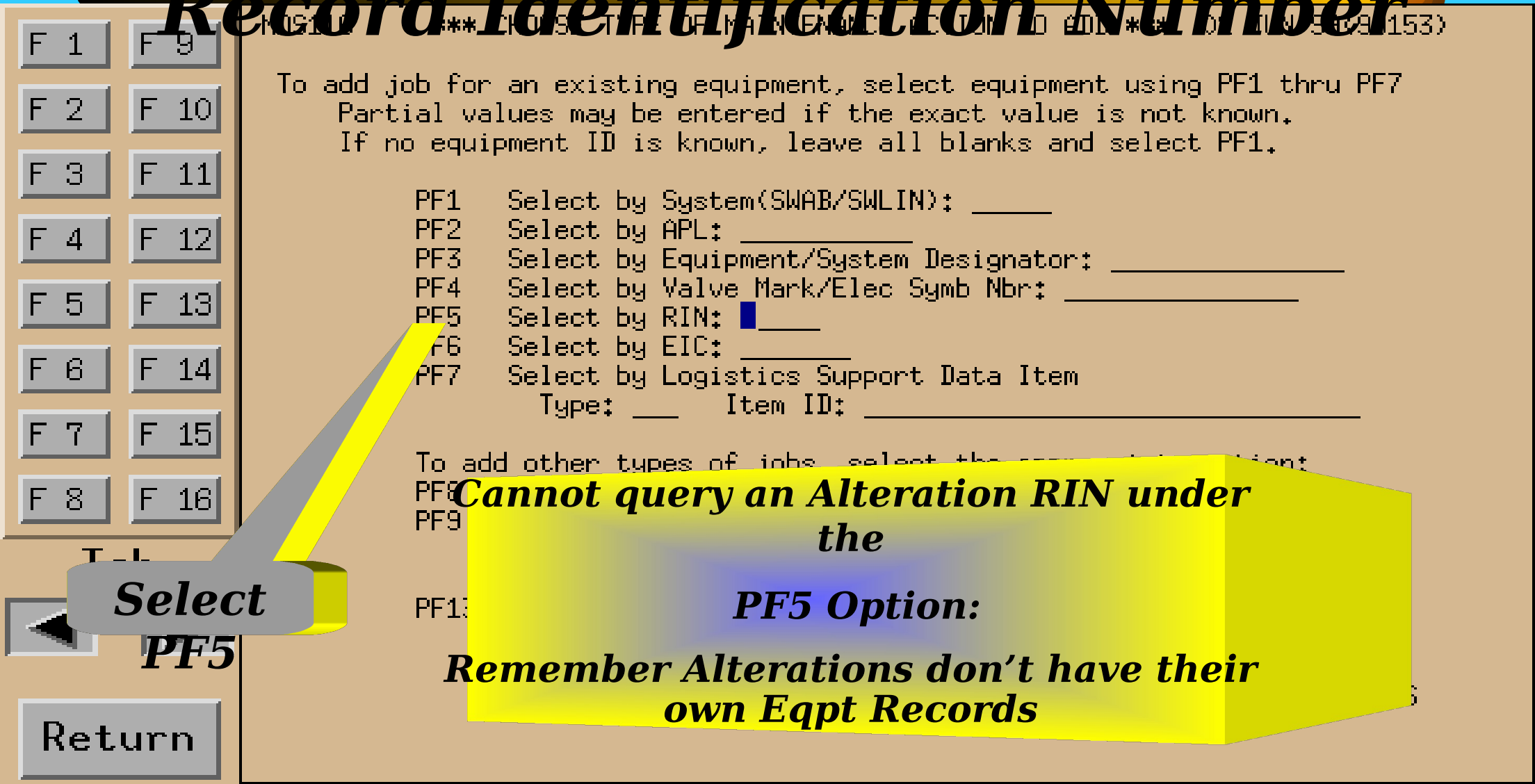
Entering the Equipment File Using Valve Mark/electronic Symbol Number


F 1
F 2
F 3
F 4
F 5
F 6
F 7
F 8
F 9
F 10
F 11
F 12
F 13
F 14
F 15
F 16
Return
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is unknown.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN): _____
PF2 Select by APL: _____
PF3 Select by Equipment/System Designator: _____
PF4 Select by Valve Mark/Elec Symb Nbr: _____
PF5 Select by RIN: _____
PF6 Select by EIC: _____
PF7 Select by Logistics Support Data Item
Type: ___ Item ID: _____
To add other types of jobs, select the appropriate action:
PF8 Report Installation of an Equipment
PF9 Add Job Not Related to Equipment Configuration
PF13 Aid
PF 15/16
Select PF4

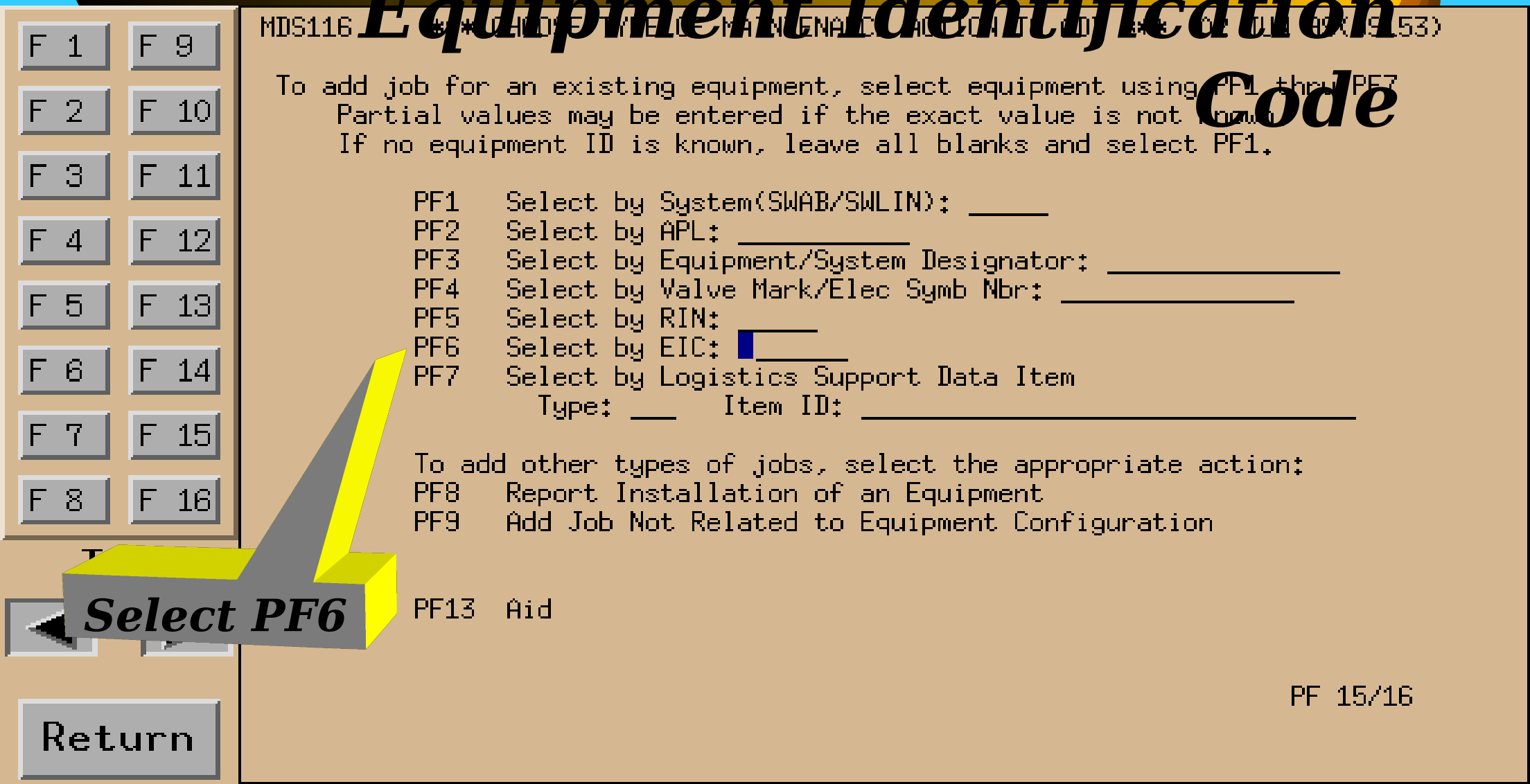
Entering the Equipment File Using Valve Mark/electronic Symbol Number



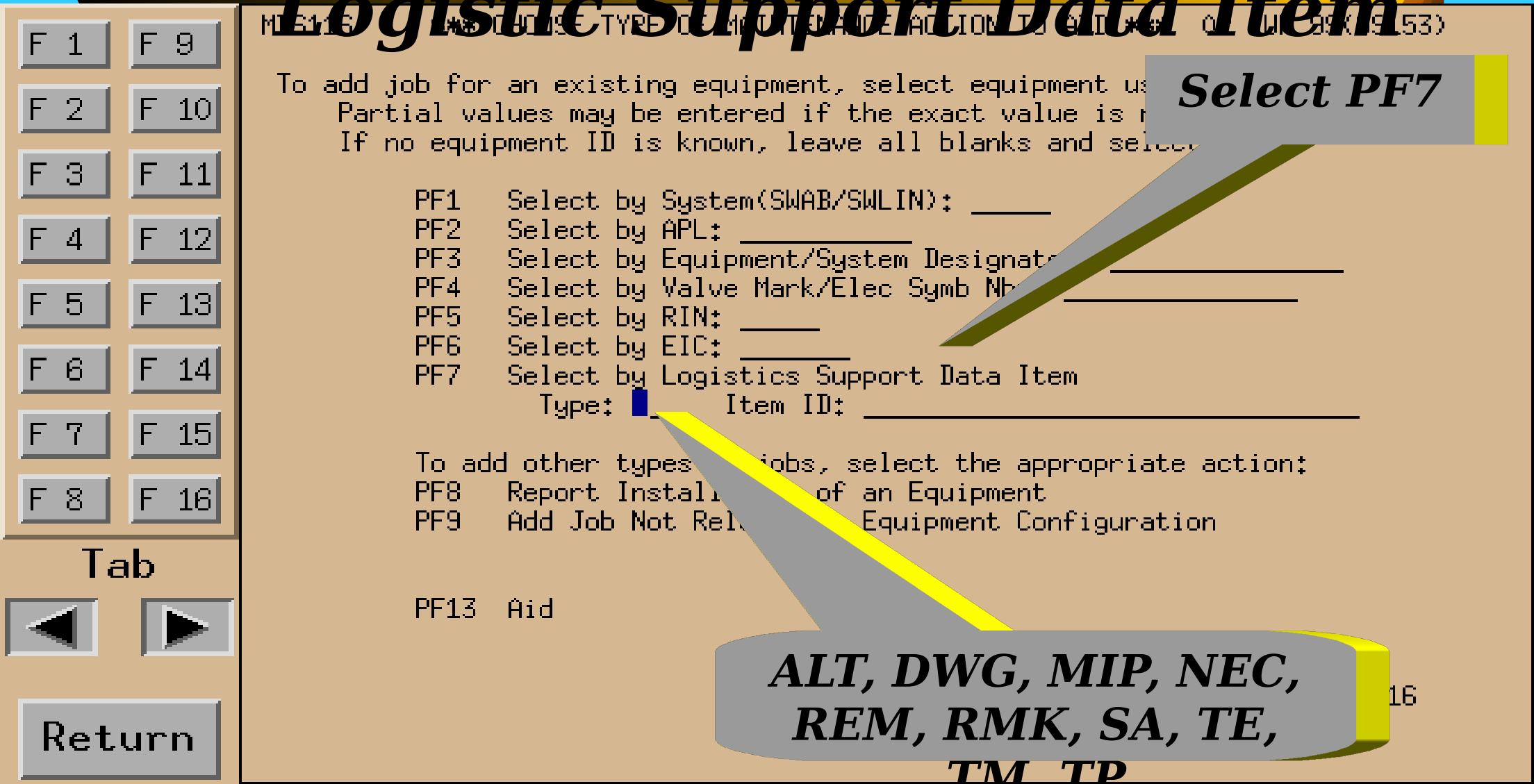
Penetrating the Equipment File Using Record Identification Number


F 1
F 2
F 3
F 4
F 5
F 6
F 7
F 8
F 9
F 10
F 11
F 12
F 13
F 14
F 15
F 16
Return
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN): _____
PF2 Select by APL: _____
PF3 Select by Equipment/System Designator: _____
PF4 Select by Valve Mark/Elec Symb Nbr: _____
PF5 Select by RIN: ____
PF6 Select by EIC: _____
PF7 Select by Logistics Support Data Item
Type: ___ Item ID: _____
Select PF5
Cannot query an Alteration RIN under the
PF5 Option:
Remember Alterations don't have their own Eqpt Records

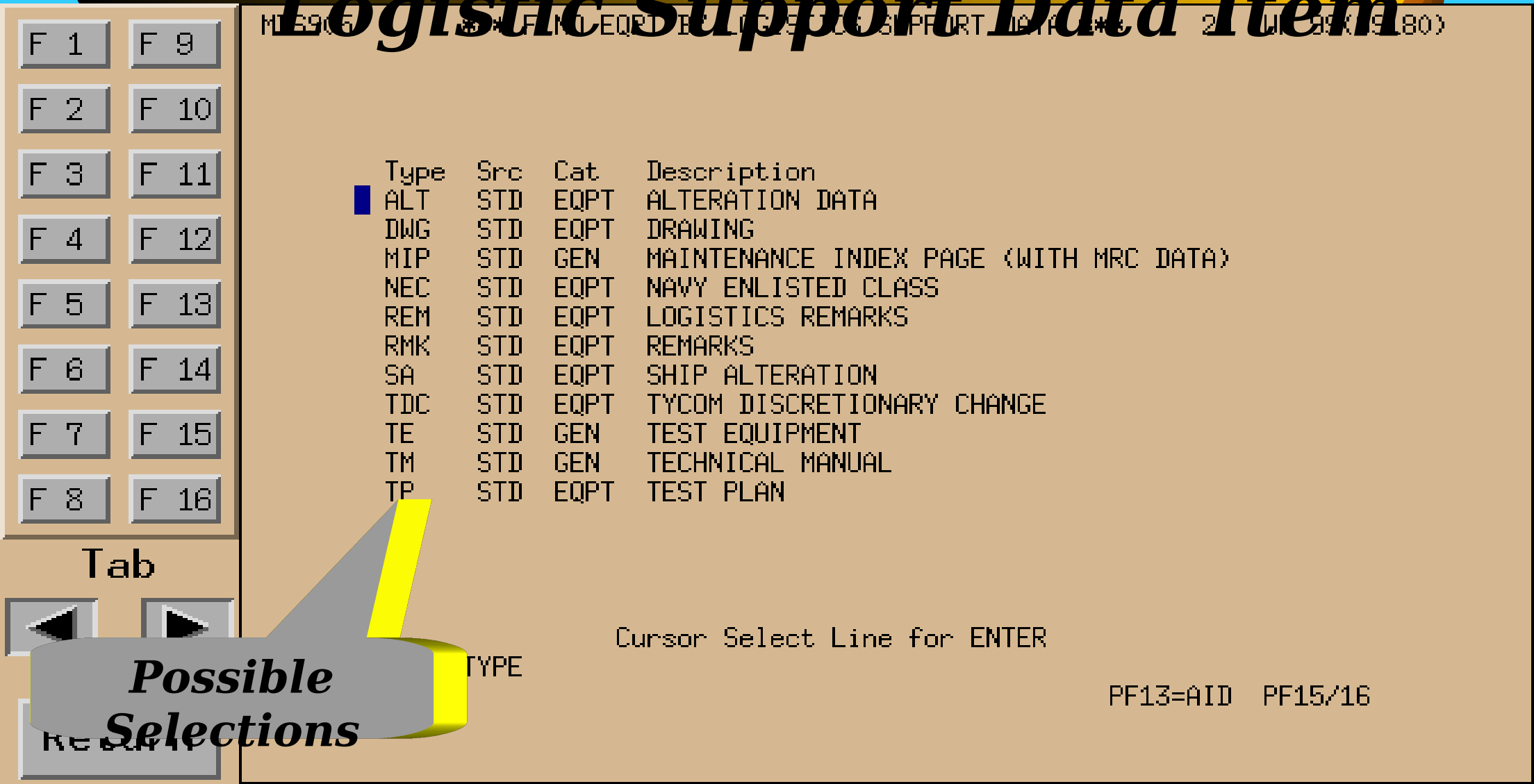
Penetrating the Equipment File Using Equipment Identification Code


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Return
MDS116
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is not known
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN): _____
PF2 Select by APL: _____
PF3 Select by Equipment/System Designator: _____
PF4 Select by Valve Mark/Elec Symb Nbr: _____
PF5 Select by RIN: _____
PF6 Select by EIC: _____
PF7 Select by Logistics Support Data Item
Type: ___ Item ID: _____
To add other types of jobs, select the appropriate action:
PF8 Report Installation of an Equipment
PF9 Add Job Not Related to Equipment Configuration
PF13 Aid
PF 15/16
Select PF6

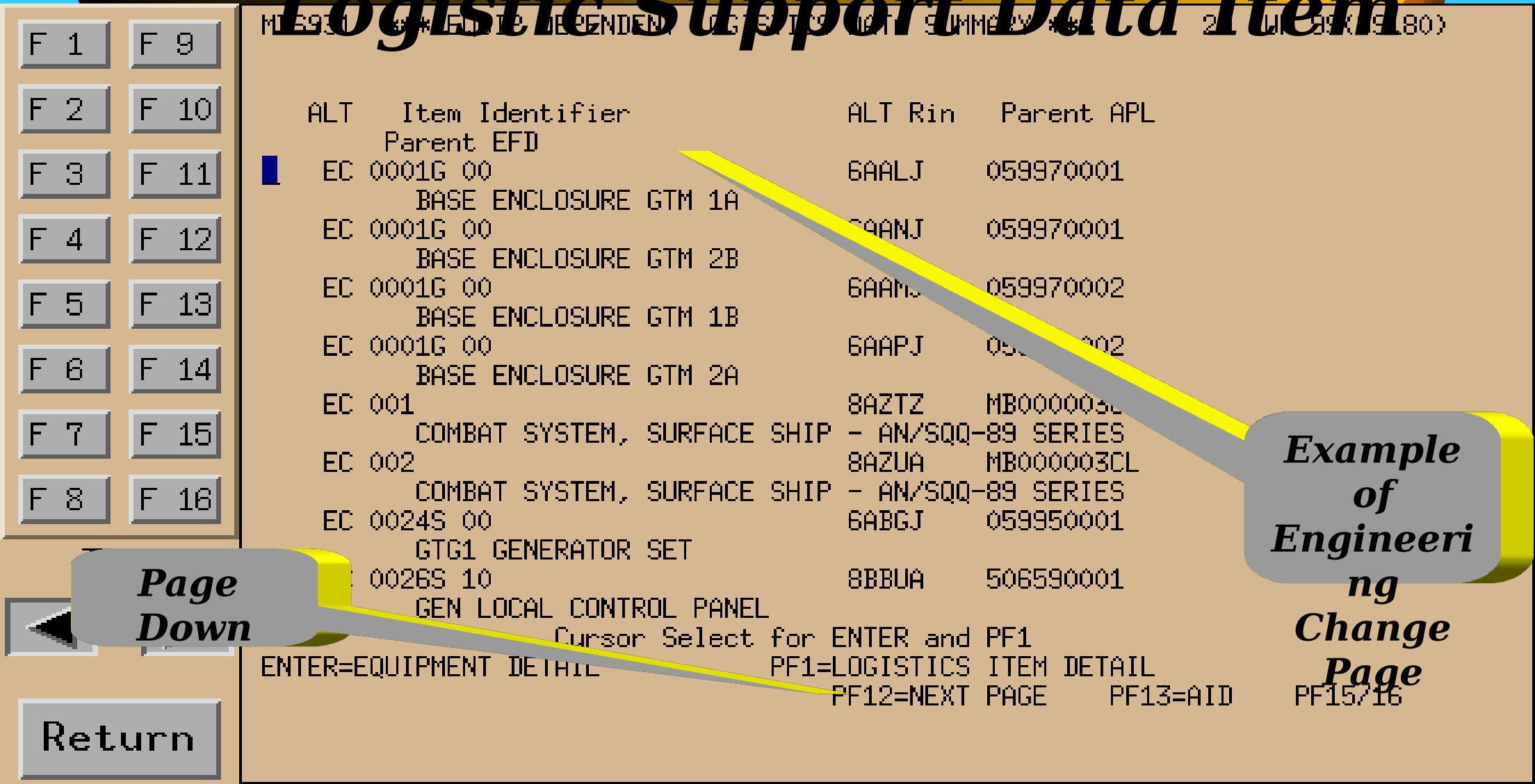
Penetrating the Equipment File Using Logistic Support Data Item


F 1
F 2
F 3
F 4
F 5
F 6
F 7
F 8
F 9
F 10
F 11
F 12
F 13
F 14
F 15
F 16
Tab
Return
To add job for an existing equipment, select equipment us
Partial values may be entered if the exact value is
If no equipment ID is known, leave all blanks and sel
PF1 Select by System(SWAB/SWLIN): _____
PF2 Select by APL: _____
PF3 Select by Equipment/System Designat
PF4 Select by Valve Mark/Elec Symb Nb
PF5 Select by RIN: _____
PF6 Select by EIC: _____
PF7 Select by Logistics Support Data Item
Type: _ Item ID: _____
To add other types jobs, select the appropriate action:
PF8 Report Instal of an Equipment
PF9 Add Job Not Rel Equipment Configuration
PF13 Aid
Select PF7
ALT, DWG, MIP, NEC, REM, RMK, SA, TE, TM, TP

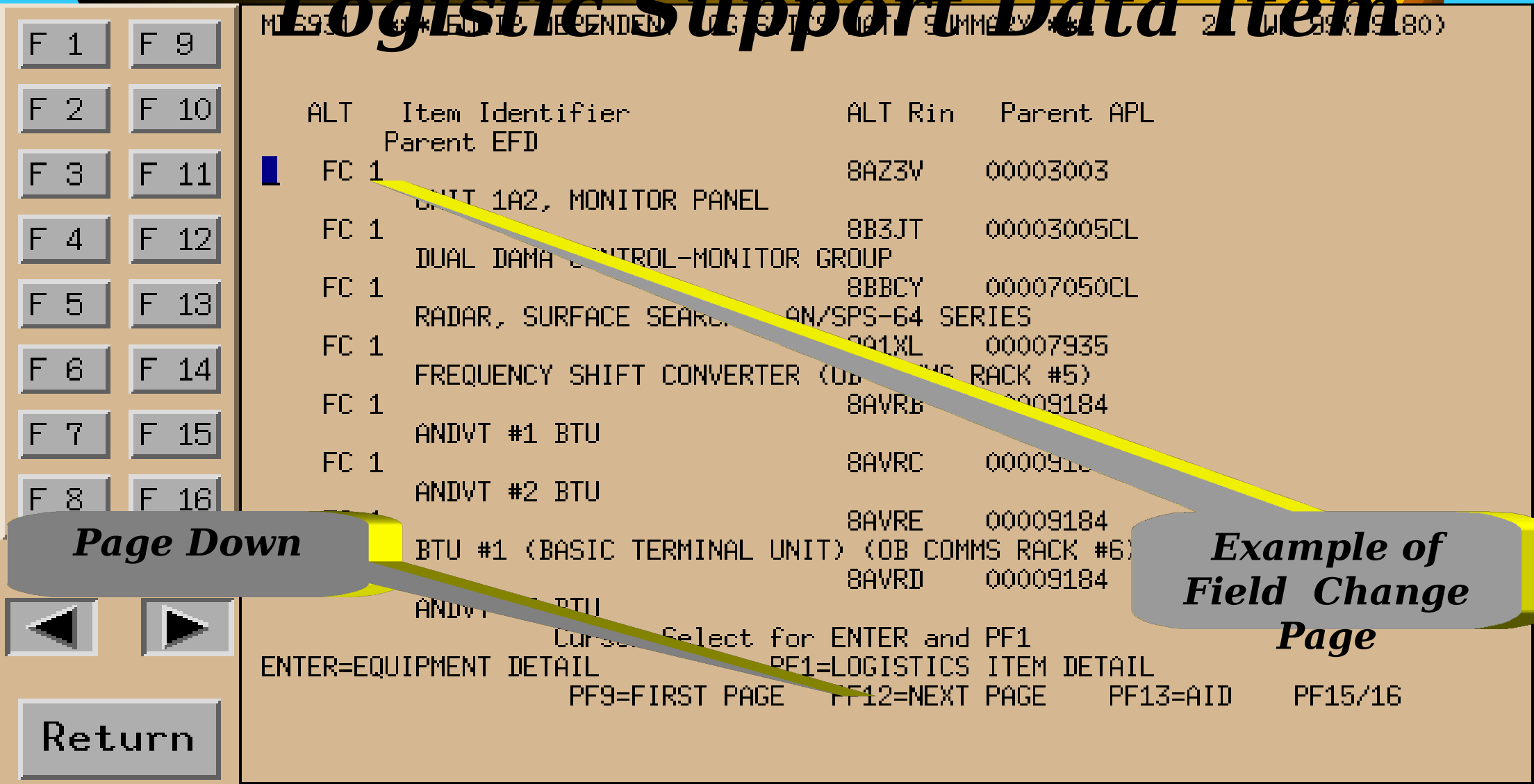
Penetrating the Equipment File Using Logistic Support Data Item



Penetrating the Equipment File Using Logistic Support Data Item



Penetrating the Equipment File Using Logistic Support Data Item



Penetrating the Equipment File Using Logistic Support Data Item

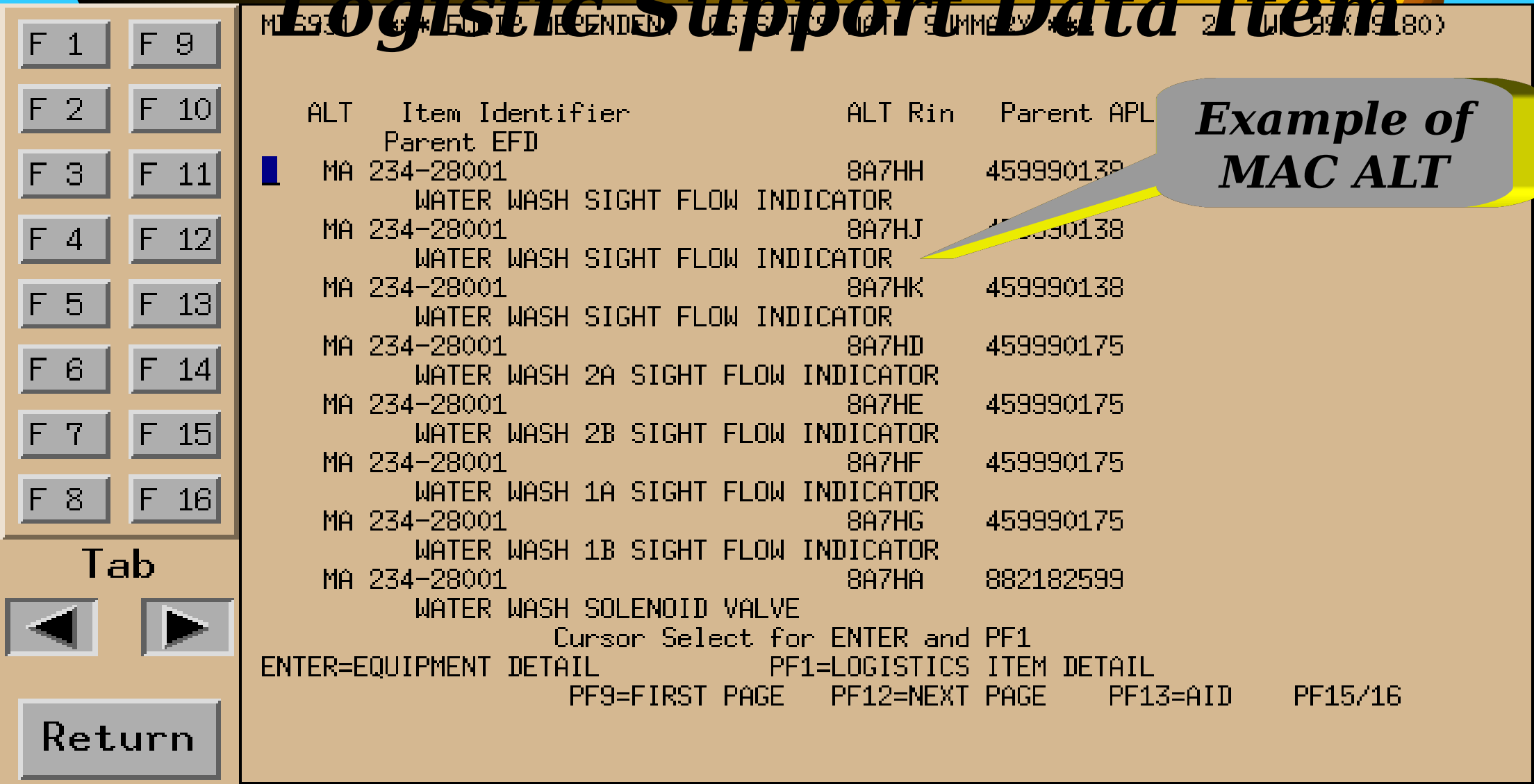
F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
ALT   Item Identifier                ALT Rin   Parent APL
      Parent EFD
  OA05477                            6264B    006080050
        FWD TDT MK24,TDT 1
  OA05477                            6268B    006080050
        AFT TDT MK24,TDT 2
  OA05524                            6265B    006080050
        FWD TDT MK24,TDT 1
  OA05524                            6269B    006080050
        AFT TDT MK24,TDT 2
  OA06988                            6266B    006080050
        FWD TDT MK24,TDT 1
  OA06988                            6270B    006080050
        AFT TDT MK24,TDT 2
  OA08223                            3AAAL    006320303
        MK32MODS TORPEDO TUBES, STBD
  OA08223                            3AABE    006320303
        MK32MODS TORPEDO TUBES, PORT
                  Cursor Select for ENTER and PF1
ENTER=EQUIPMENT DETAIL          PF1=LOGISTICS ITEM DETAIL
                                    PF12=NEXT PAGE    PF13=AID    PF15/16
```

Penetrating the Equipment File Using Logistic Support Data Item

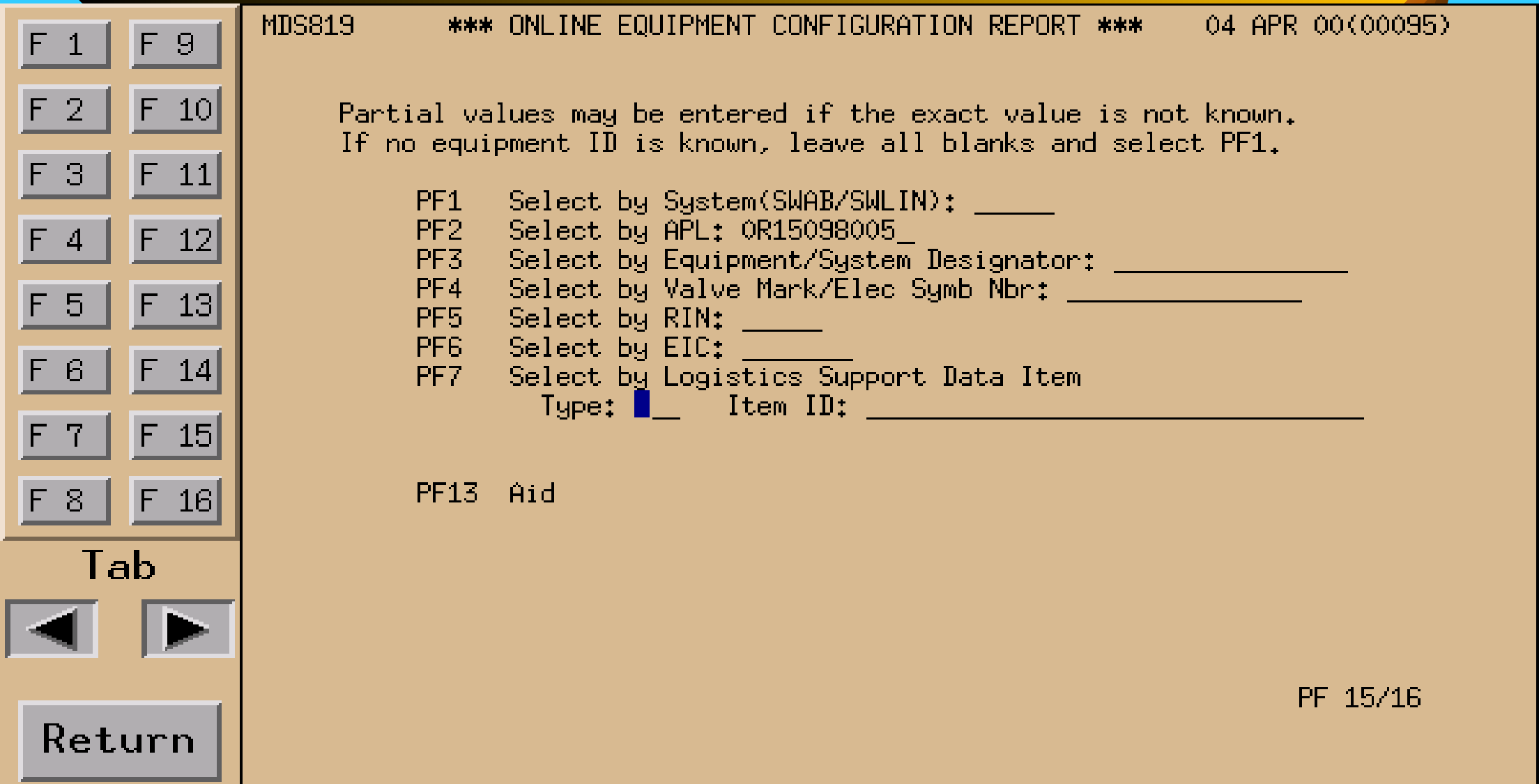


Identifying Parent Equipment & Updating the Equipment Files

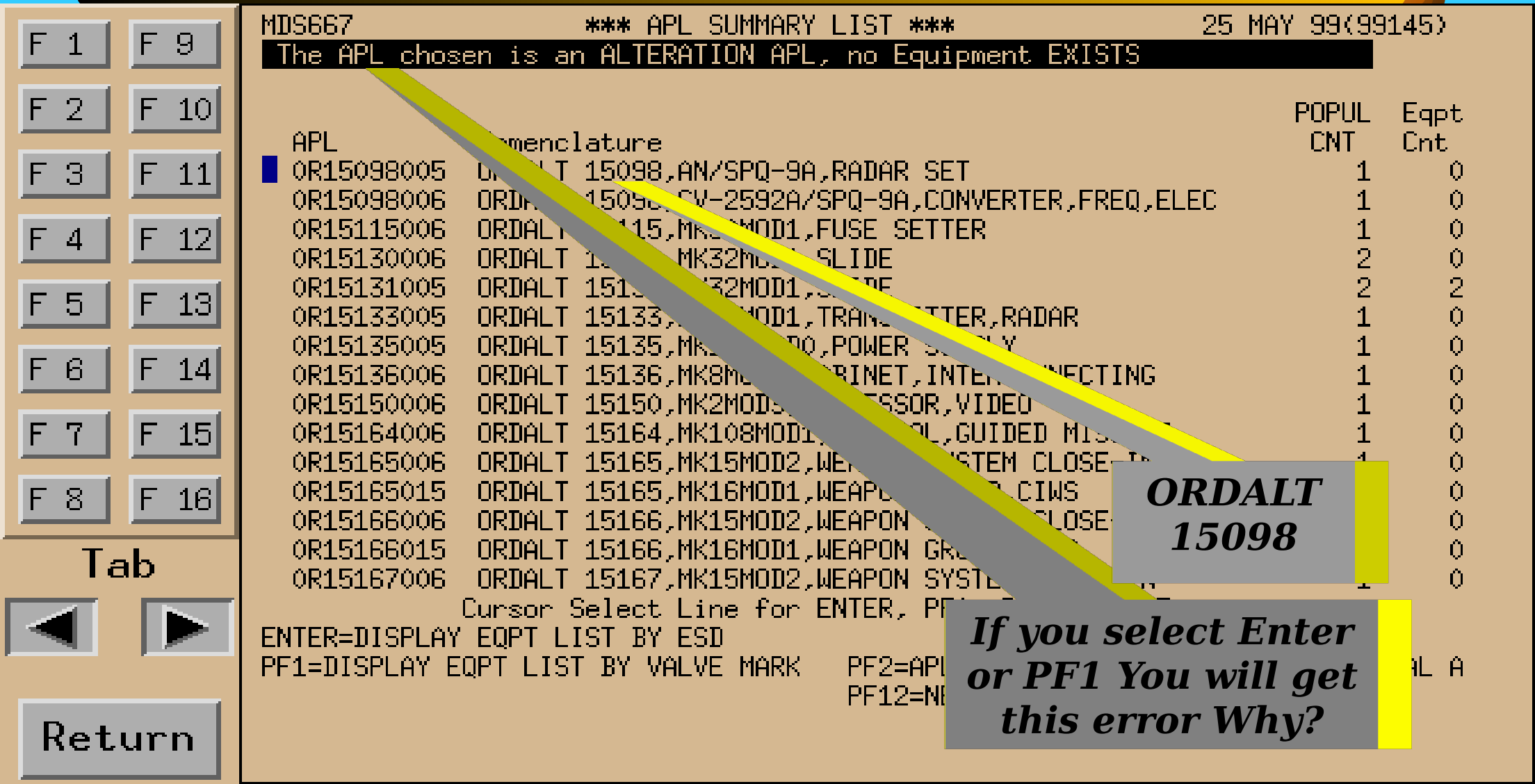


Pen & Ink Changes

ORDALT Example



ORDALT Example


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS667 *** APL SUMMARY LIST *** 25 MAY 99(99145)
The APL chosen is an ALTERATION APL, no Equipment EXISTS
APL Nomenclature POPUL CNT Eqpt Cnt
OR15098005 ORDALT 15098,AN/SPQ-9A,RADAR SET 1 0
OR15098006 ORDALT 15098,CV-2592A/SPQ-9A,CONVERTER,FREQ,ELEC 1 0
OR15115006 ORDALT 15115,MK2MOD1,FUSE SETTER 1 0
OR15130006 ORDALT 15130,MK32MOD1,SLIDE 2 0
OR15131005 ORDALT 15131,MK32MOD1,SLIDE 2 2
OR15133005 ORDALT 15133,MK2MOD1,TRANSMITTER,RADAR 1 0
OR15135005 ORDALT 15135,MK2MOD0,POWER SUPPLY 1 0
OR15136006 ORDALT 15136,MK8MOD1,CABINET,INTERCONNECTING 1 0
OR15150006 ORDALT 15150,MK2MOD3,PROCESSOR,VIDEO 1 0
OR15164006 ORDALT 15164,MK108MOD1,CONTROL,GUIDED MISSILE 1 0
OR15165006 ORDALT 15165,MK15MOD2,WEAPON SYSTEM CLOSE-IN 1 0
OR15165015 ORDALT 15165,MK16MOD1,WEAPON GROUP CIWS 1 0
OR15166006 ORDALT 15166,MK15MOD2,WEAPON SYSTEM CLOSE- 1 0
OR15166015 ORDALT 15166,MK16MOD1,WEAPON GROUP 1 0
OR15167006 ORDALT 15167,MK15MOD2,WEAPON SYSTEM 1 0
Cursor Select Line for ENTER, PF
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK PF2=APL
PF12=NE
AL A
ORDALT 15098
If you select Enter or PF1 You will get this error Why?

ORDALT
Example Identifying Parts

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS695                  *** APL SUMMARY LIST ***                  26 MAY 99(99146)


                                                                    POPUL   Eqpt
  APL           Nomenclature                                        CNT    Cnt
  OR15098005    ORDALT 15098,AN/SPQ-9A,RADAR SET                      1      0
  OR15098006    ORDALT 15098,CV-2592A/SPQ-9A,CONVERTER,FREQ,ELEC      1      0
  OR15115006    ORDALT 15115,MK30MOD1,FUSE SETTER                     1      0
  OR15130006    ORDALT 15130,MK32MOD1,SLIDE                           2      0
  OR15131005    ORDALT 15131,MK32MOD1,SLIDE                           2      2
  OR15133005    ORDALT 15133,MK80MOD1,TRANSMITTER,RADAR               1      0
  OR15135005    ORDALT 15135,MK147MOD0,POWER SUPPLY                   1      0
  OR15136006    ORDALT 15136,MK8MOD1,CABINET,INTERCONNECTING          1      0
  OR15150006    ORDALT 15150,MK2MOD3,PROCESSOR,VIDEO                  1      0
  OR15164006    ORDALT 15164,MK108MOD1,CONTROL,GUIDED MISSILE         1      0
  OR15165006    ORDALT 15165,MK15MOD2,WEAPON SYSTEM CLOSE-IN          1      0
  OR15165015    ORDALT 15165,MK16MOD1,WEAPON GROUP,CIWS               2      0
  OR15166006    ORDALT 15166,MK15MOD2,WEAPON SYSTEM CLOSE-IN          1      0
  OR15166015    ORDALT 15166,MK16MOD1,WEAPON GROUP,CIWS               2      0
  OR15167006    ORDALT 15167,MK15MOD2,WEAPON SYSTEM CLOSE-IN          1      0
              Cursor Select Line for ENTER, PF1, PF2 and PF3
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK   PF2=APL DETAIL INFO   PF3=MODIFY LOCAL A
                                      PF12=NEXT PAGE   PF13=AID   PF 15/16
```

Select PF2

ORDALT
Example Identifying Parts

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS699          *** APL CHARACTERISTICS DATA ***          26 MAY 99(99146)

APL: OR15098005     ORDALT 15098,AN/SPQ-9A,RADAR SET

AINAC: ES           Component Characteristic
NIIN:               NHA-49411759
SMIC:               EIC-G322
CAGE:               COMMERCIAL NOMEN-ORDALT 15098      86 MOD 3T5X8T10,GUN FCS
LSSC: AA            SOURCE OF APL INFO-NSWSES
TCC: M              PROV PARTS LIST-DATED 26 NOV 84      IED BY NSWSES
                    FSCM-87557
Local Record: N     CCF DATE - 05 87
Total Population:
   000001

Last Updated:
   22 JAN 99

Last Updated by:
   JEFFERSE

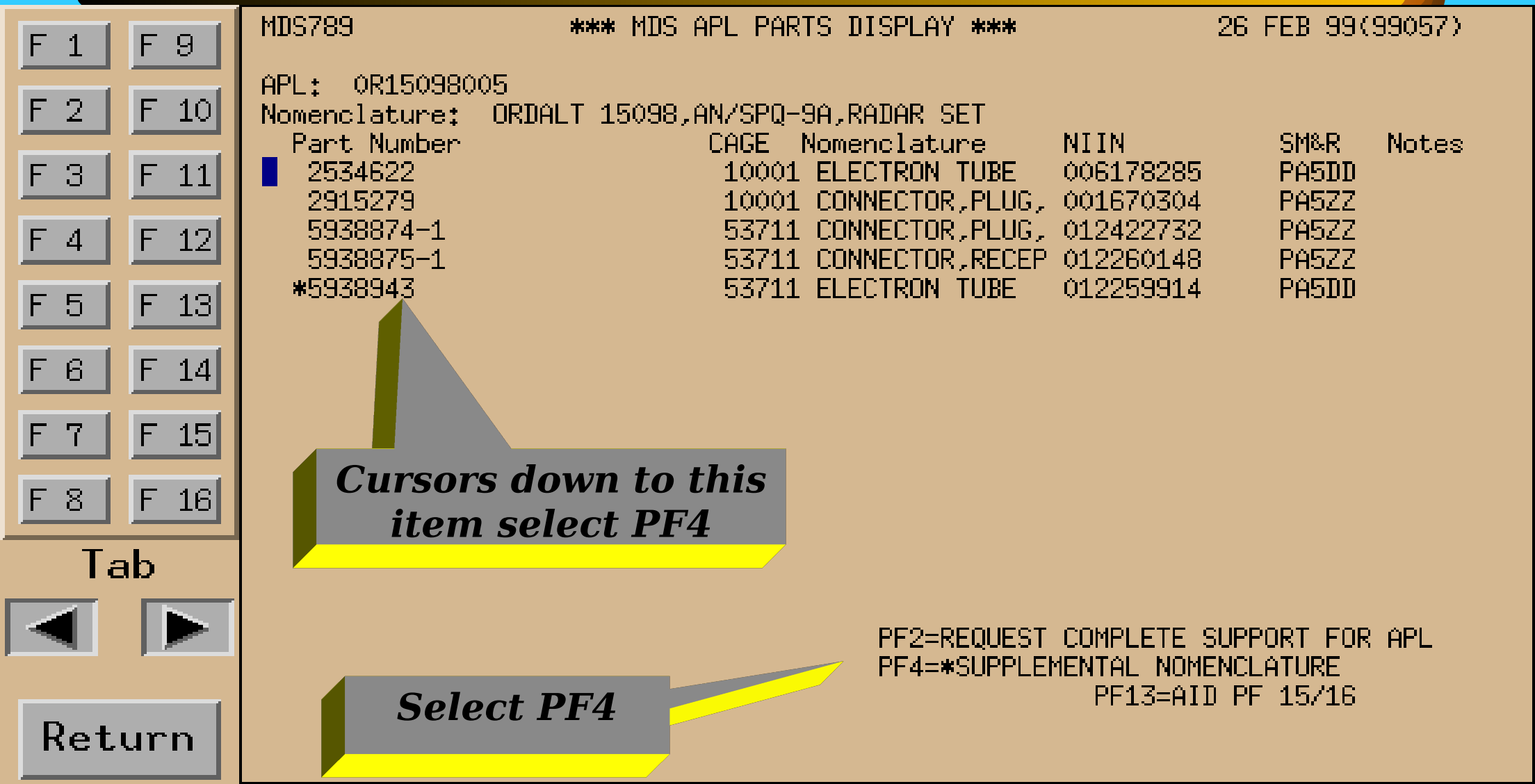
                          PF1=REVIEW PARTS

PF4=PREV SCREEN                              PF13=AID    PF 15/16
```

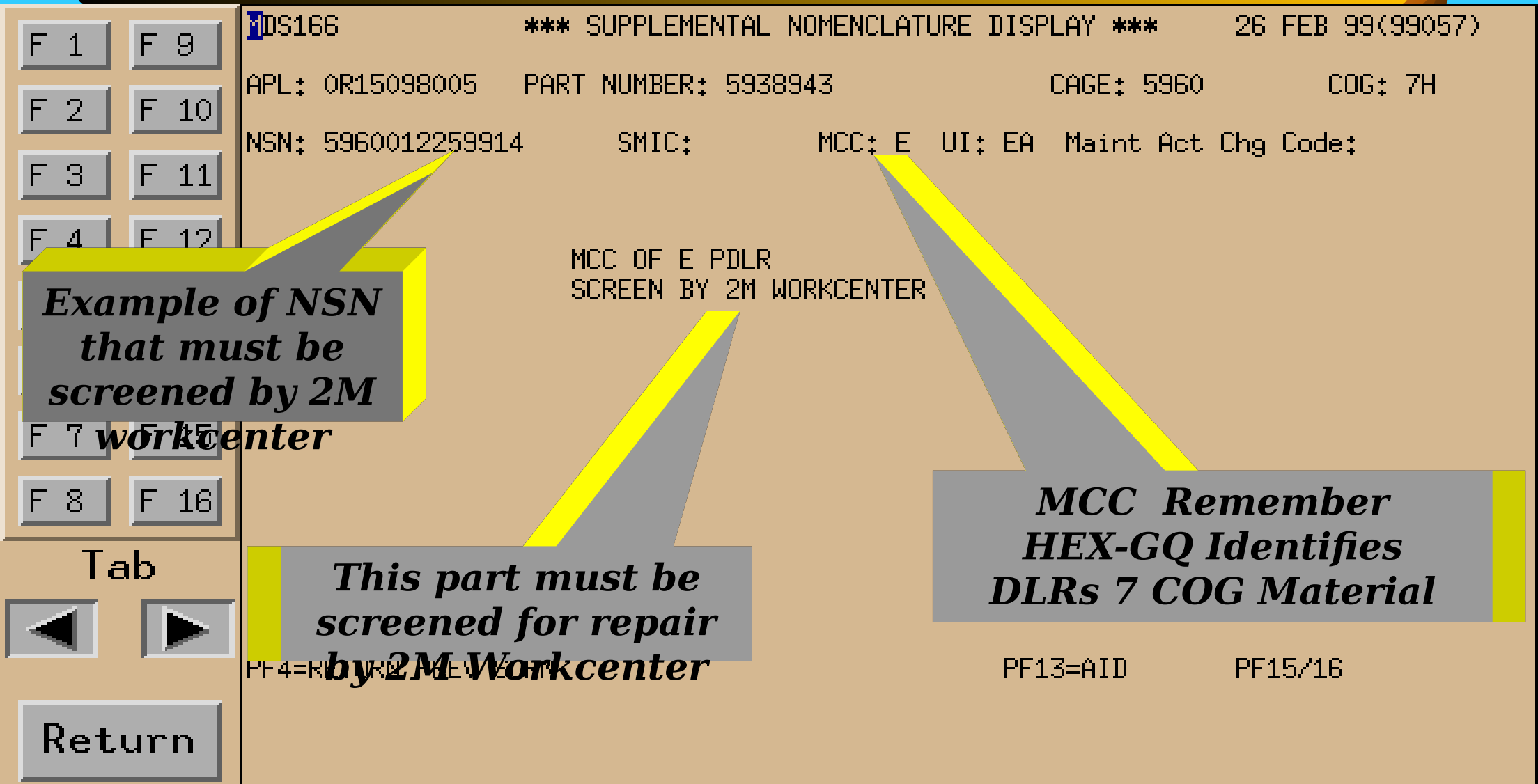
Select PF1

Note equipment ORDALT Registered Against

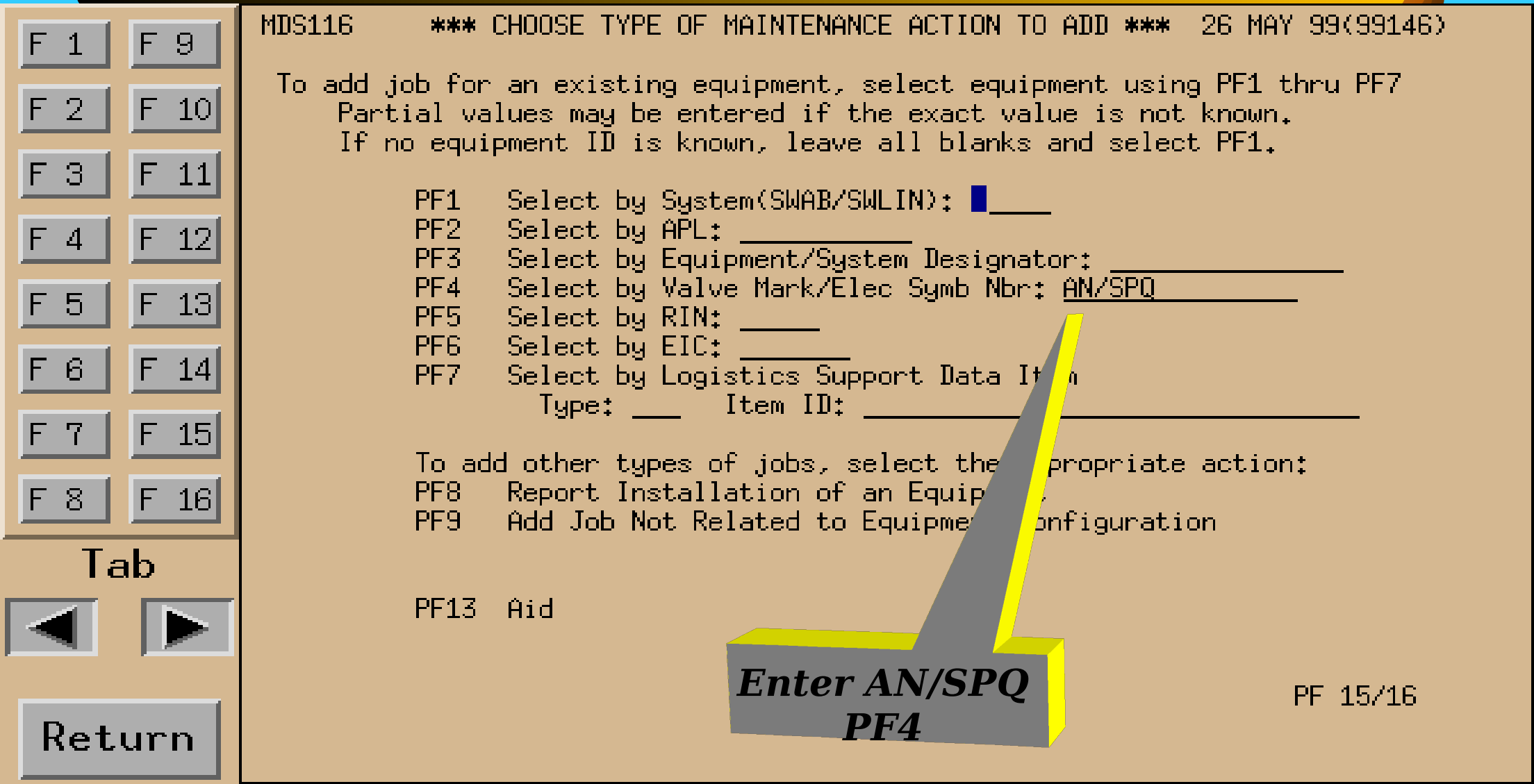
ORDALT APL Parts Display



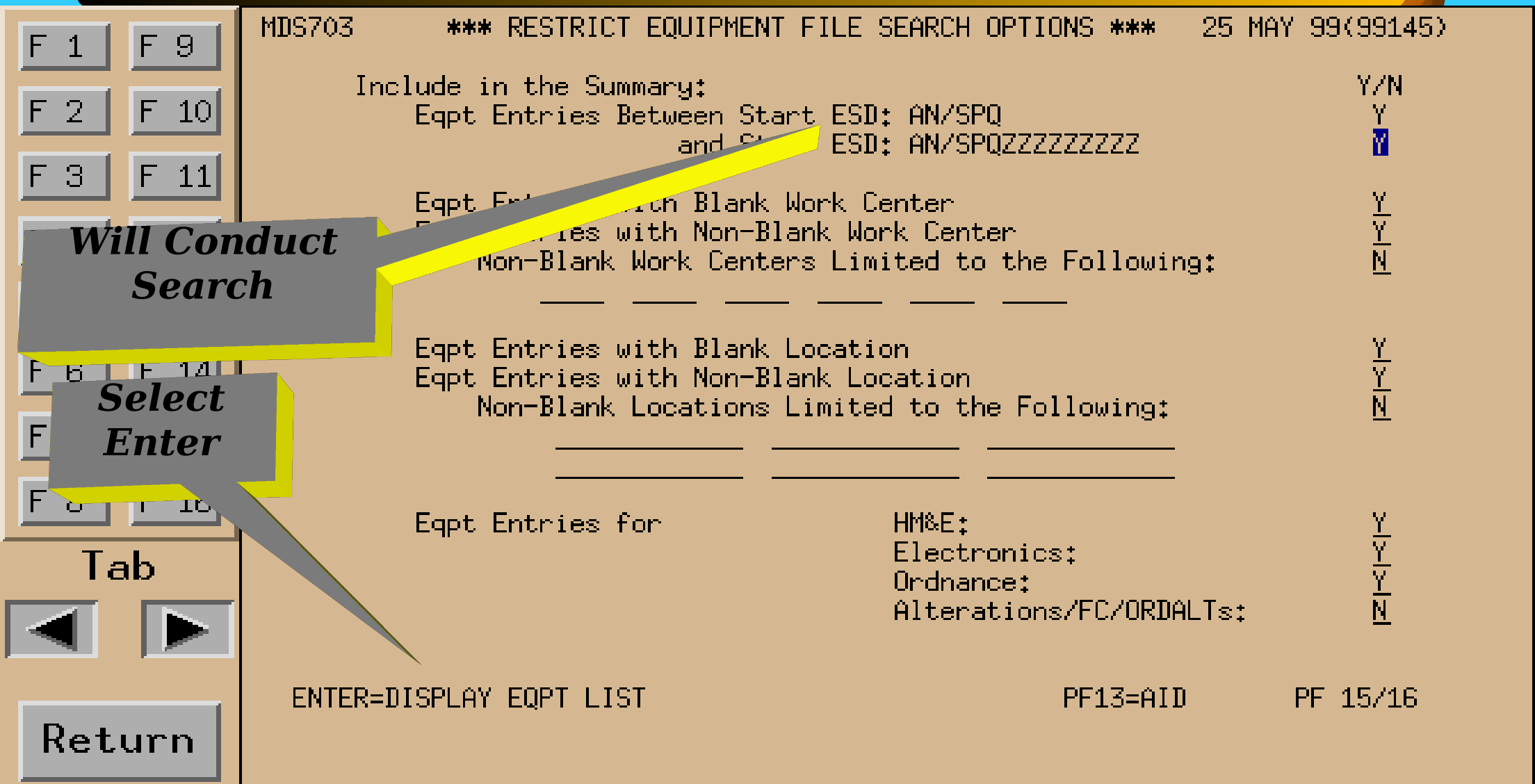
Parts Requiring Screening
2M Workcenter


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 7
F 8
F 16
Tab
Return
MDS166 *** SUPPLEMENTAL NOMENCLATURE DISPLAY *** 26 FEB 99(99057)
APL: 0R15098005 PART NUMBER: 5938943 CAGE: 5960 COG: 7H
NSN: 5960012259914 SMIC: MCC: E UI: EA Maint Act Chg Code:
MCC OF E PDLR
SCREEN BY 2M WORKCENTER
PF13=AID
PF15/16
Example of NSN that must be screened by 2M workcenter
This part must be screened for repair by 2M Workcenter
MCC Remember HEX-GQ Identifies DLRs 7 COG Material

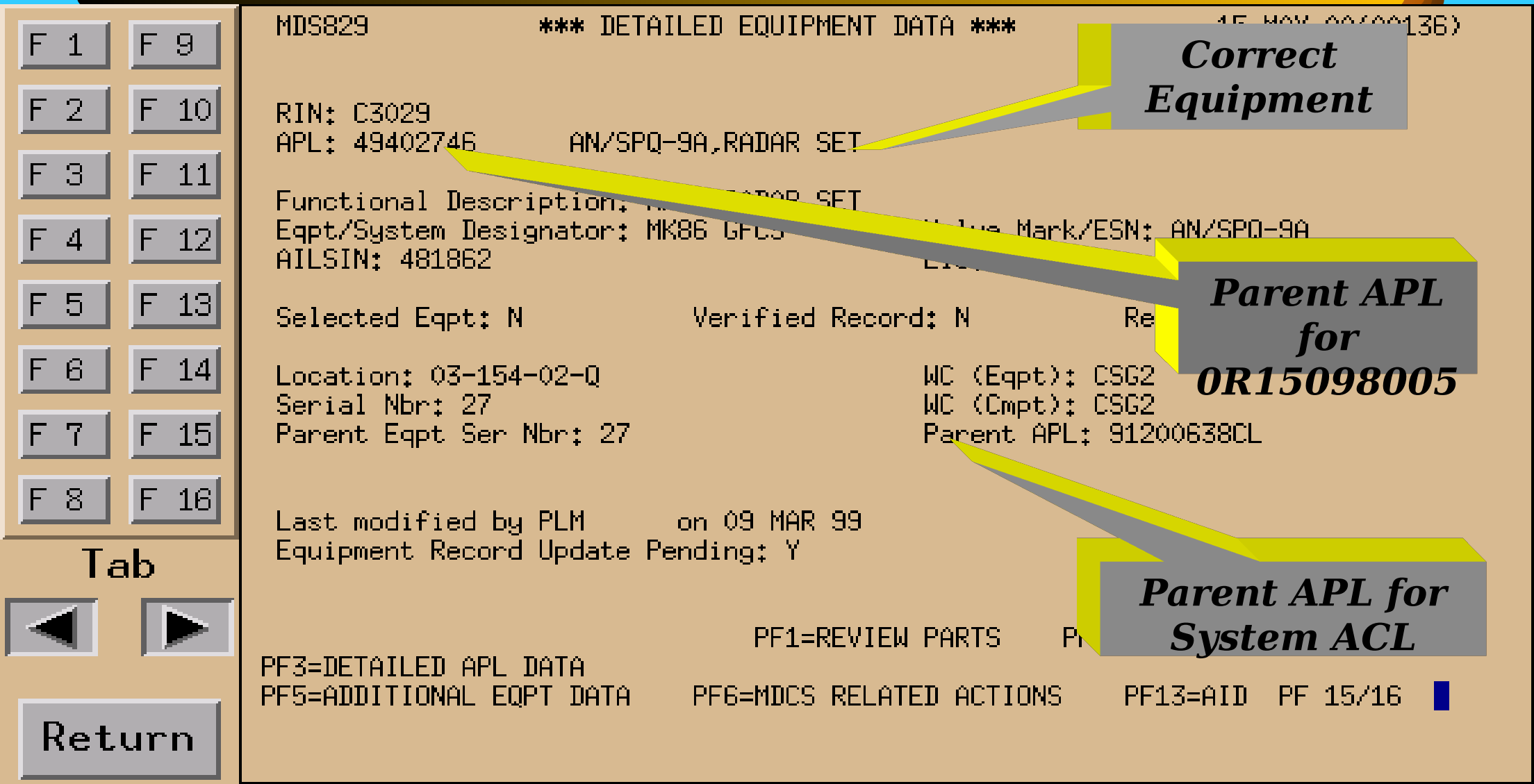
Identifying Parent APL


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS116 *** CHOOSE TYPE OF MAINTENANCE ACTION TO ADD *** 26 MAY 99(99146)
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN):
PF2 Select by APL:
PF3 Select by Equipment/System Designator:
PF4 Select by Valve Mark/Elec Symb Nbr: AN/SPQ
PF5 Select by RIN:
PF6 Select by EIC:
PF7 Select by Logistics Support Data Item
Type: Item ID:
To add other types of jobs, select the appropriate action:
PF8 Report Installation of an Equip
PF9 Add Job Not Related to Equipme onfiguration
PF13 Aid
Enter AN/SPQ
PF4
PF 15/16

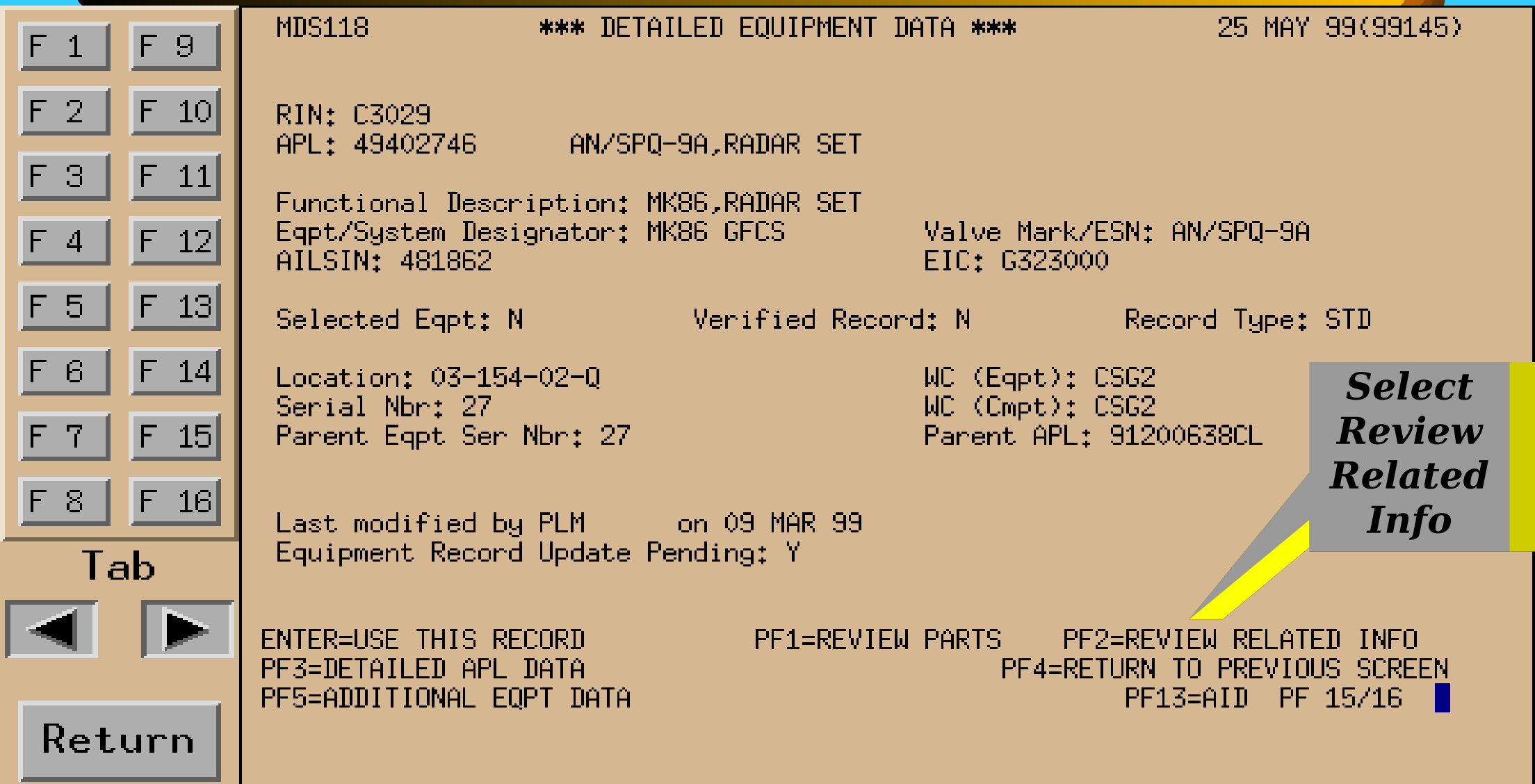
Identifying Parent APL



Identifying Parent APL

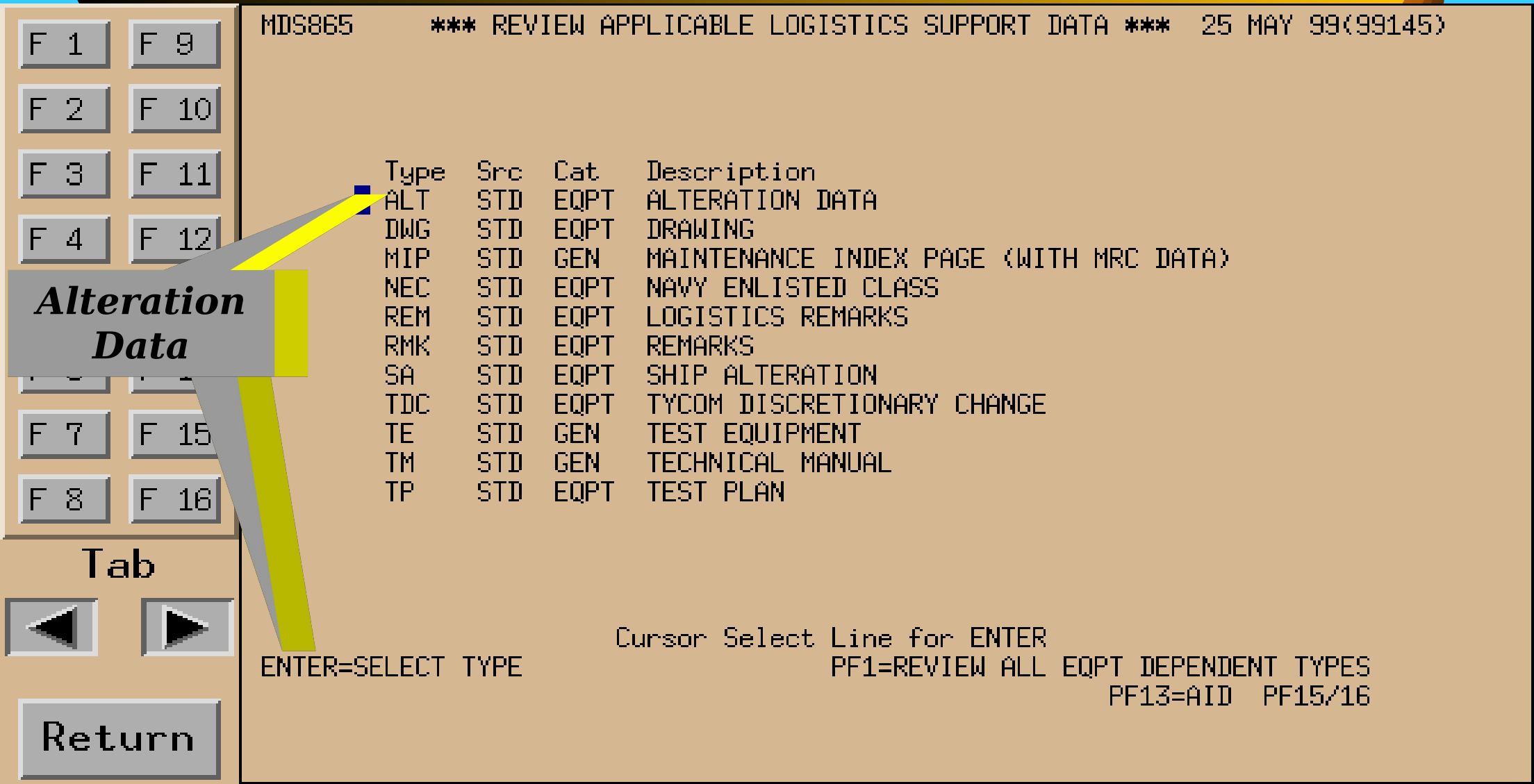


Identifying Parent APL

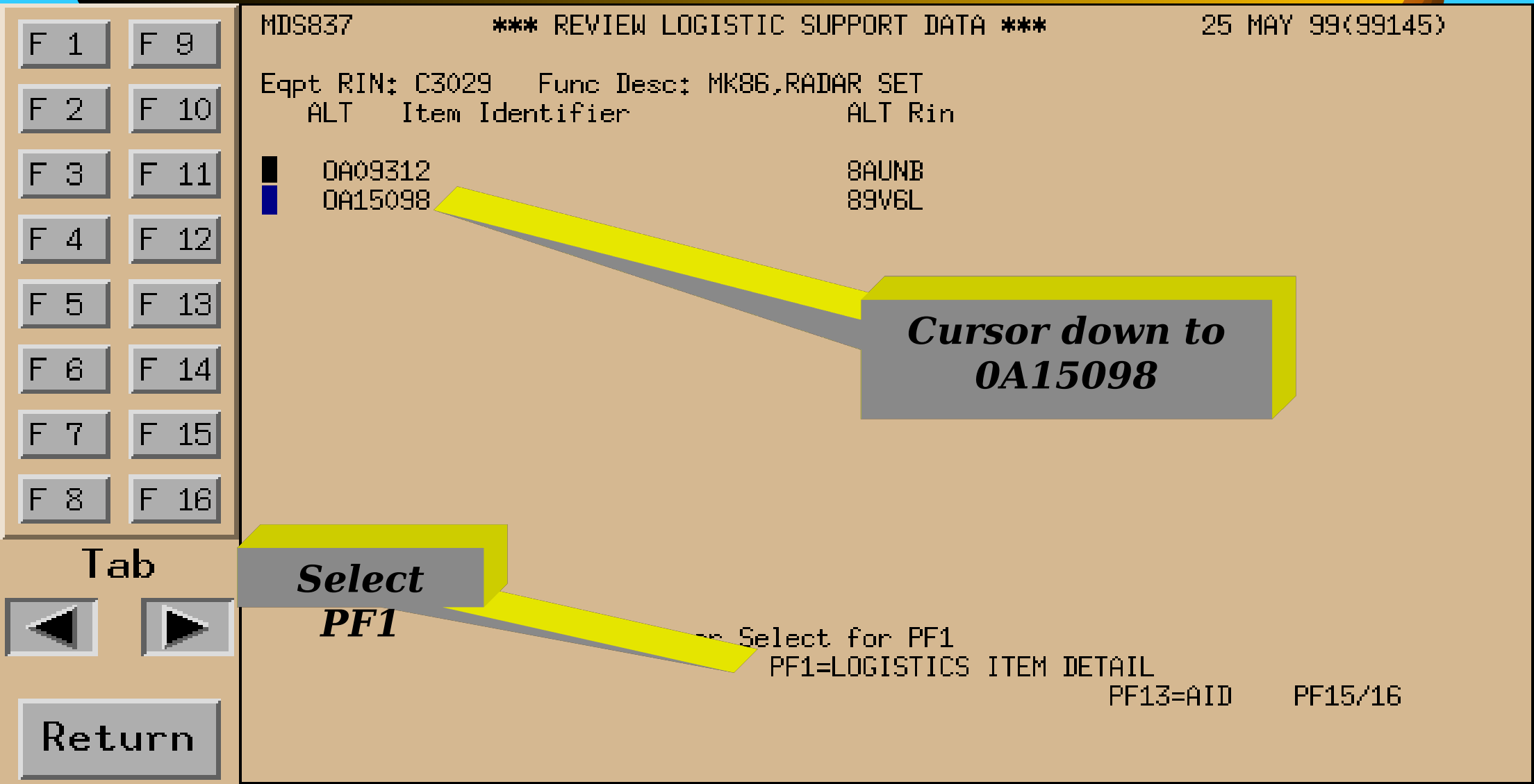


Select Review Related Info

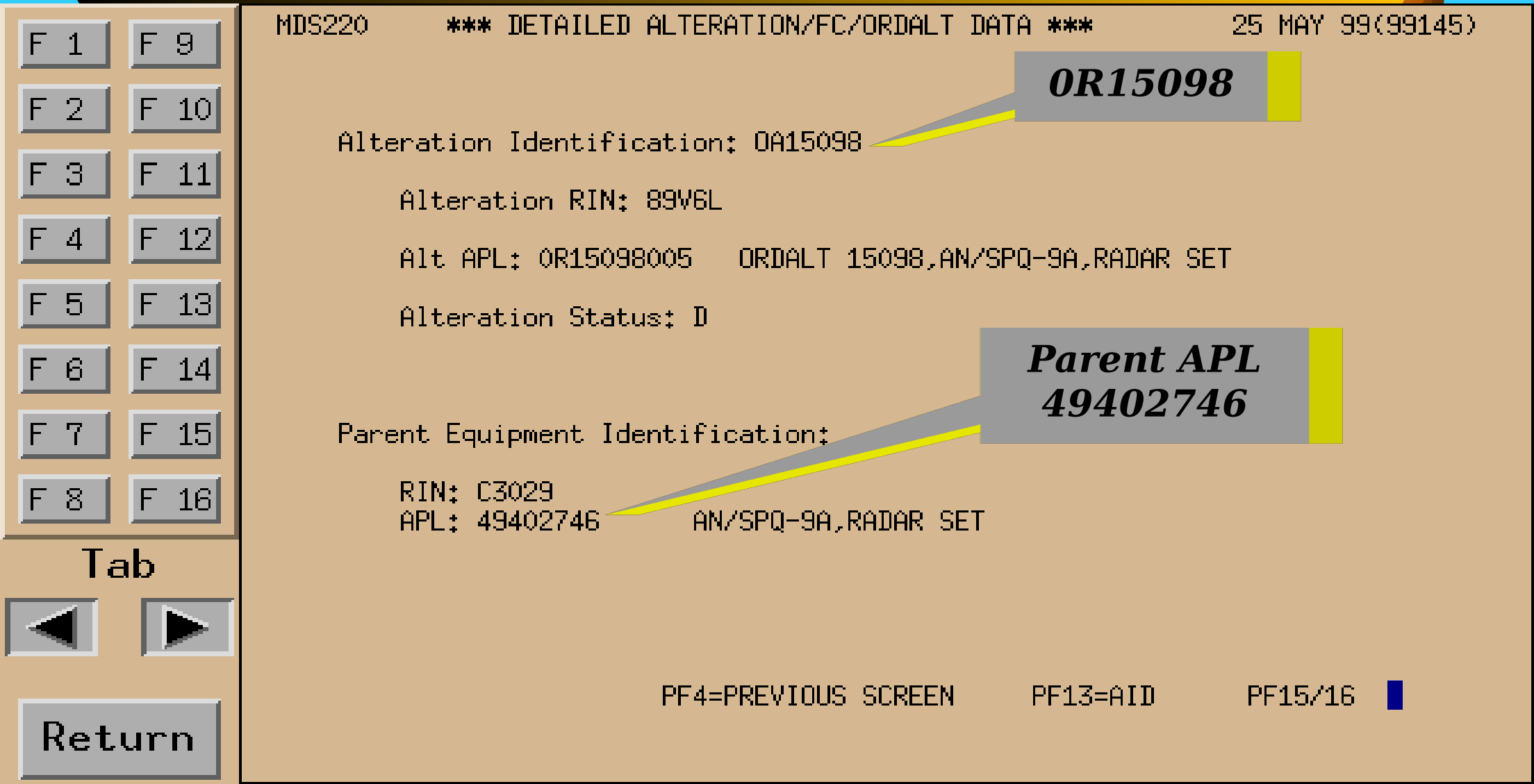
Identifying Parent APL



Identifying Parent APL



Identifying Parent APL



GDAPL Example

Release Date NAVICP - M Fleet Support Toolkit
09/24/98 General Distribution Allowance Parts List <GDAPL >
APL/AEL Part Number Nomenclature NIIN CAGE MIAPL Quit Info.
HELP
Nomen: AN/SPQ-9A

APL Nomenclature	APL
ORDALT 15098,AN/SPQ-9A,RADAR SET	0R15098005
ORDALT 8340,AN/SPQ-9A,RADAR SET	0R83400001
AN/SPQ-9A,RADAR SET	49402746

[Total RECORDS: 3

Parent APL for ORDALT 0R15098005 Parts Identification Equipment Record

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

MDS829 ***[illegible]*** (00144)

RIN: C3029
APL: 49402746 AN/SPQ-9A,RADAR SET

Functional Description: MK86,RADAR SET
Eqpt/System Designator: MK86 GFCS Valve Mark/ESN: AN/SPQ-9A
AILSIN: 481862 EIC: G323000

Selected Eqpt: N Verified Record: N Record Type: STD

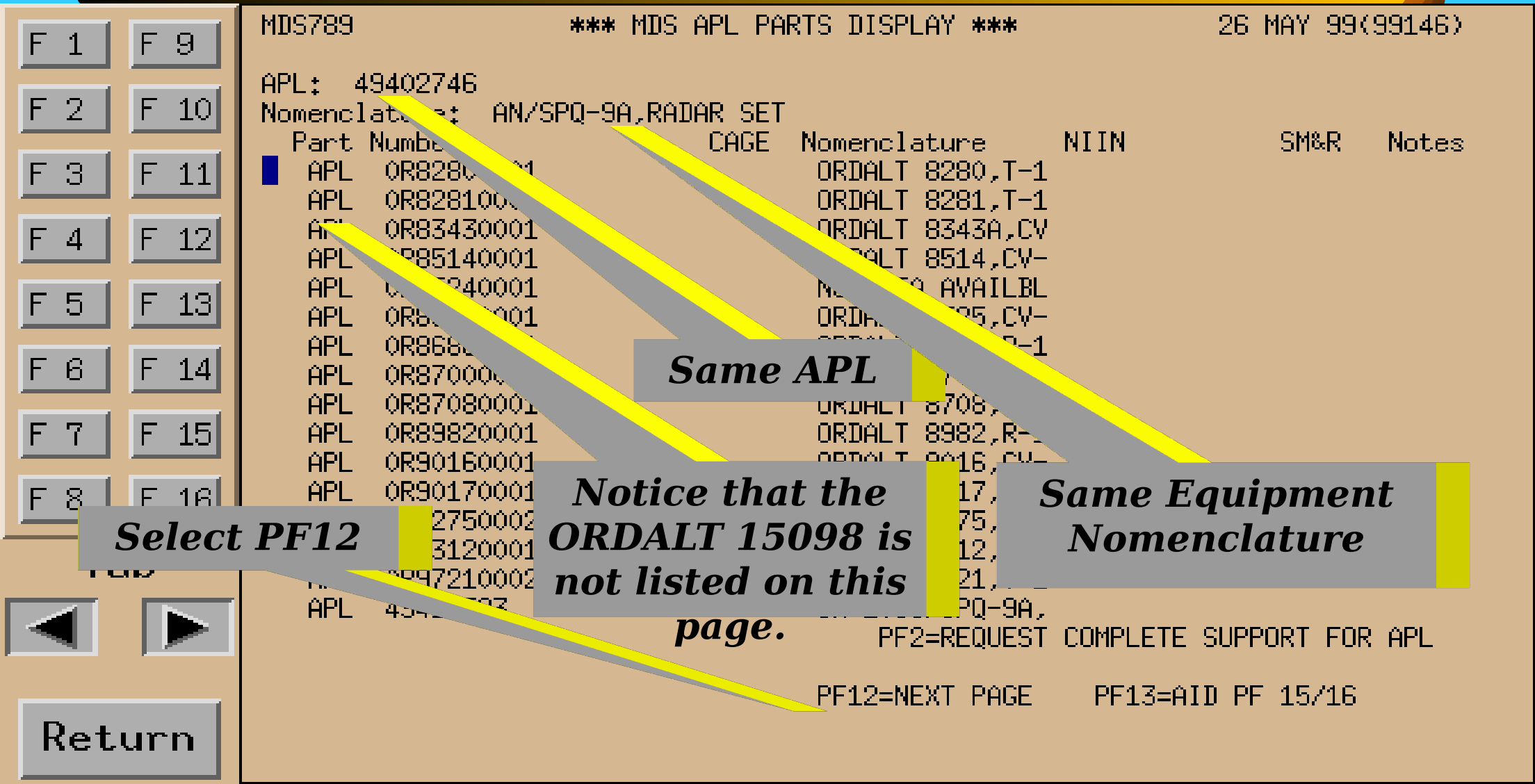
Location: 03-154-02-Q WC (Eqpt): CSG2
Serial Nbr: 27 WC (Cmpt): CSG2
Parent Eqpt Ser Nbr: 27 Parent APL: 91200638CL

Last modified by PLM on 09 MAR 99
Equipment Record Update Pending: Y

Select PF1

PF1=REVIEW PARTS PF2=REVIEW RELATED INFO
PF3=DETAILED APL DATA
PF5=ADDITIONAL EQPT DATA PF6=MDCS RELATED ACTIONS PF13=AID PF 15/16

First Page of APL Parts List Display



APL Parts List Display

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

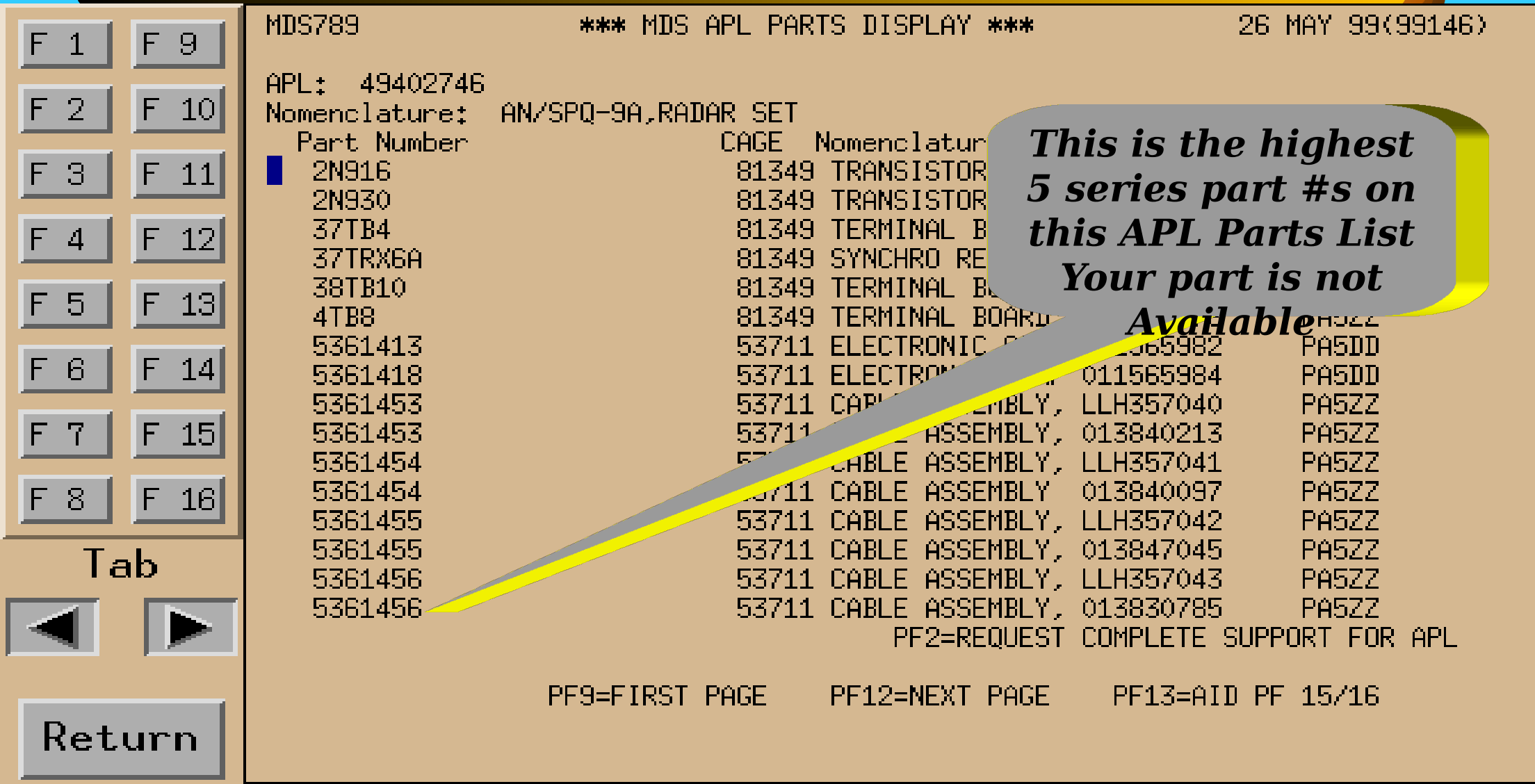
```
MDS789              *** MDS APL PARTS DISPLAY ***              25 MAY 99(99145)

APL:  49402746
Nomenclature:  AN/SPQ-9A,RADAR SET
  Part Number                    CAGE  Nomenclature     NIIN          SM&R   Notes
  1N941B                          81349 SEMICONDUCTOR D 008831511     PADZZ
  1N965B                          81349 SEMICONDUCTOR D 007526163     PADZZ
  1N966B                          81349 SEMICONDUCTOR D 004004111     PADZZ
  1N967B                          81349 SEMICONDUCTOR D 011961755     PADZZ
  1N968B                          81349 DIODE,ZENER     008487000     PADZZ
  1N970B                          81349 DIODE, ZENER    008784200     PADZZ
  1N971B                          81349 DIODE, ZENER    008784200     PADZZ
  1N973B                          81349 SEMICONDUCTOR D 008475200     PADZZ
  1N985B                          81349 DIODE           008541000     PADZZ
  2534542                         10001 DELAY LINE      002530700     PBDZZ
  2534549                         10001 GENERATOR,PULSE 002530700     PBDZZ
  2534554                         10001 GENERATOR,PULSE 002530700     PBDZZ
  2534589                         10001 BEARING,BALL,AN 010102476     PBDZZ
  2534621                         10001 ELECTRON TUBE   004502229     PC5DD
  2534622                         10001 ELECTRON TUBE   006178285     PA5DD
  2534623                         10001 SEMICONDUCTOR D 005209955     PADZZ
                                        PF2=REQUEST COMPLETE SUPPORT FOR APL

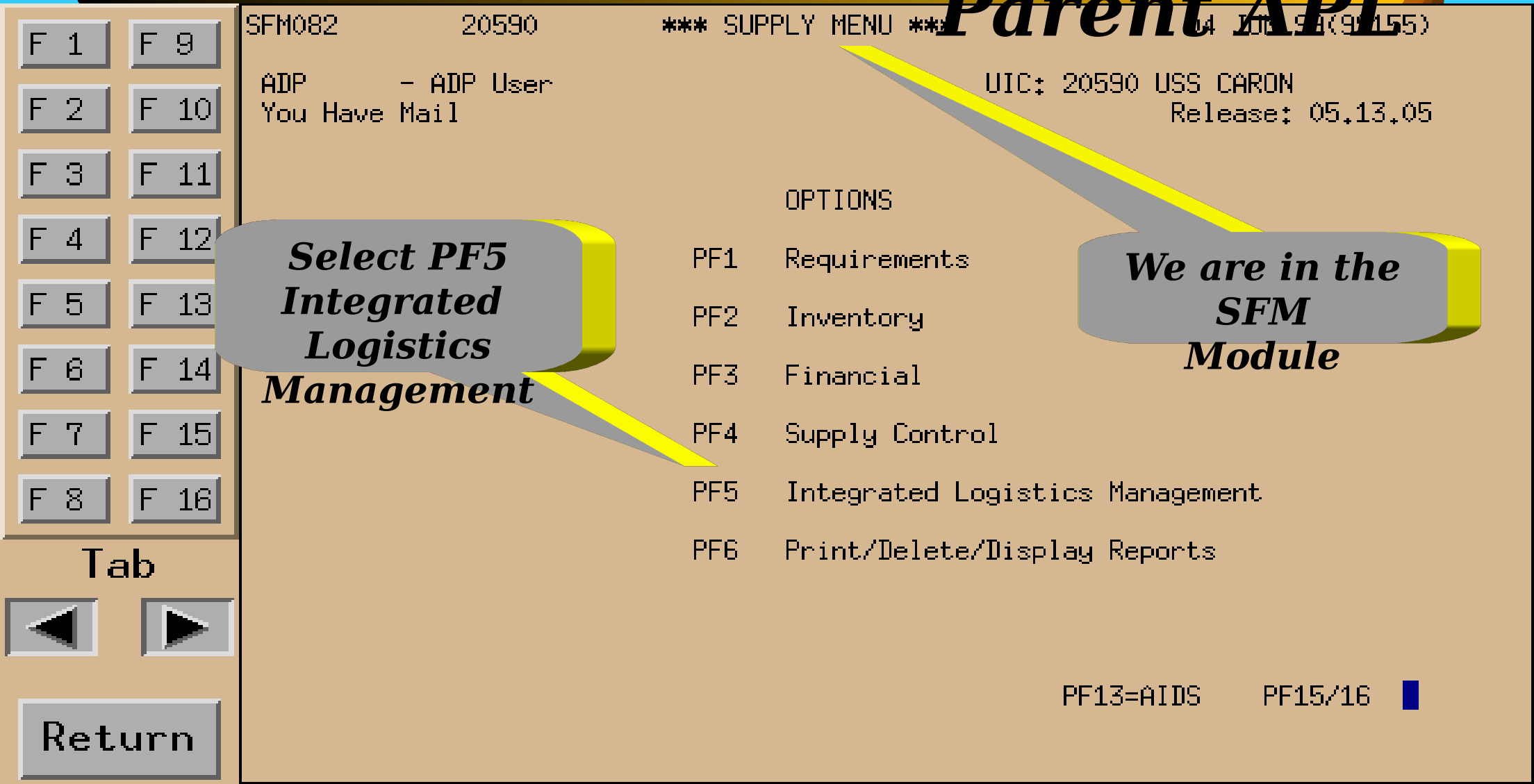
                  PF9=FIRST PAGE    PF12=NEXT PAGE    PF13=AID PF 15/16
```

Part # 2534622 Also Listed on the 0RDALT this is just coincidence

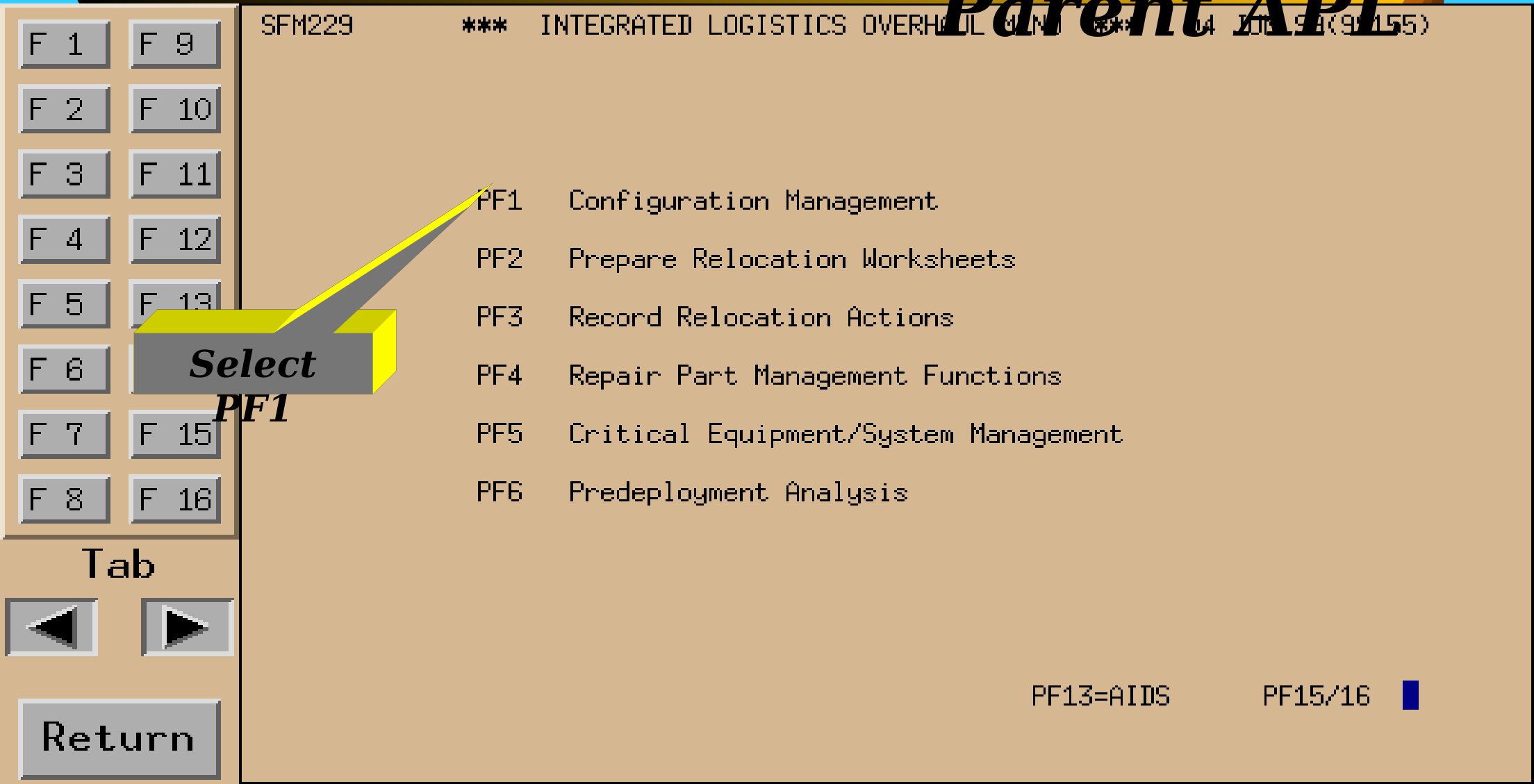
APL Parts List Display



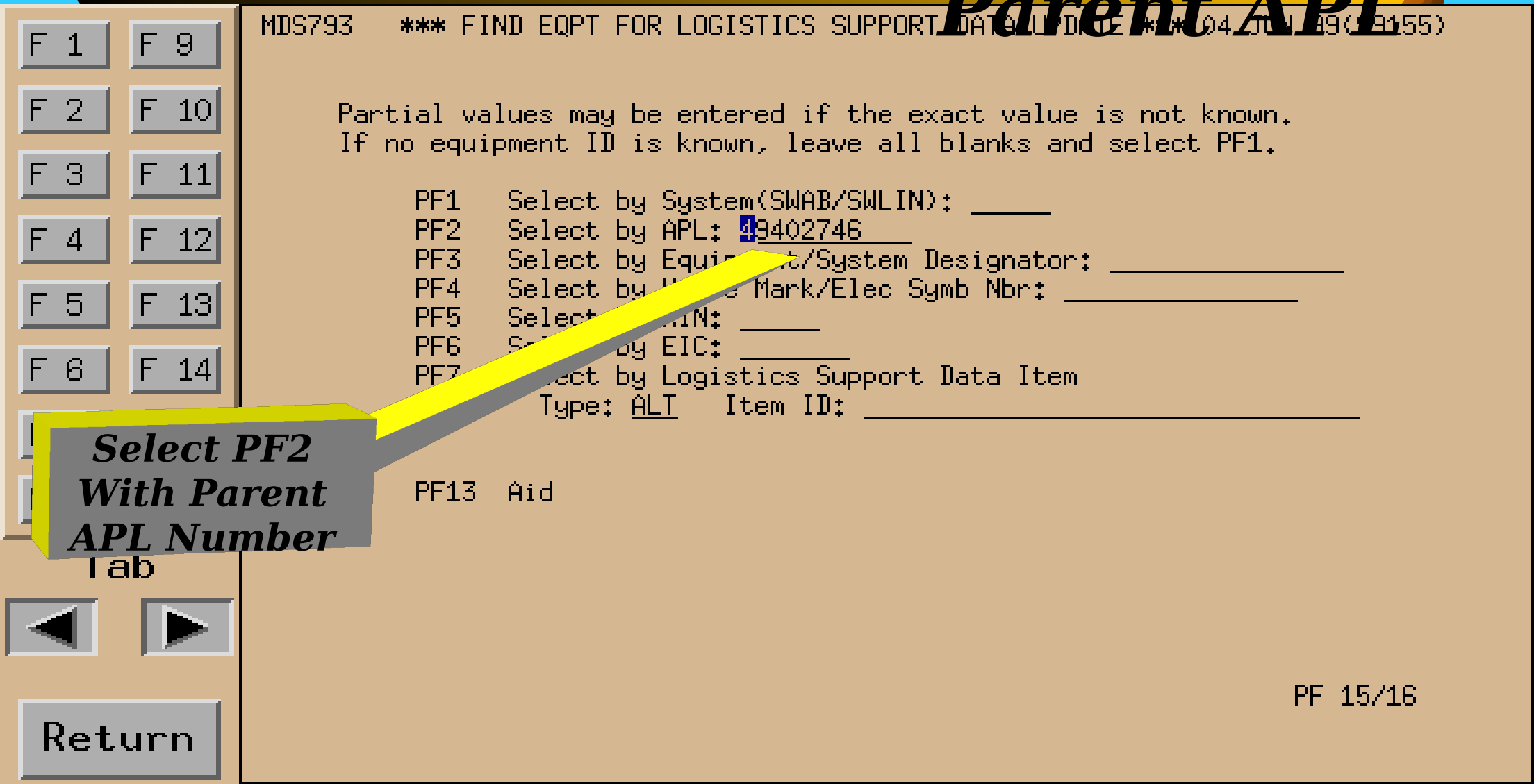
Pen & Ink Change
Adding ORDALT APL to the Parent APL



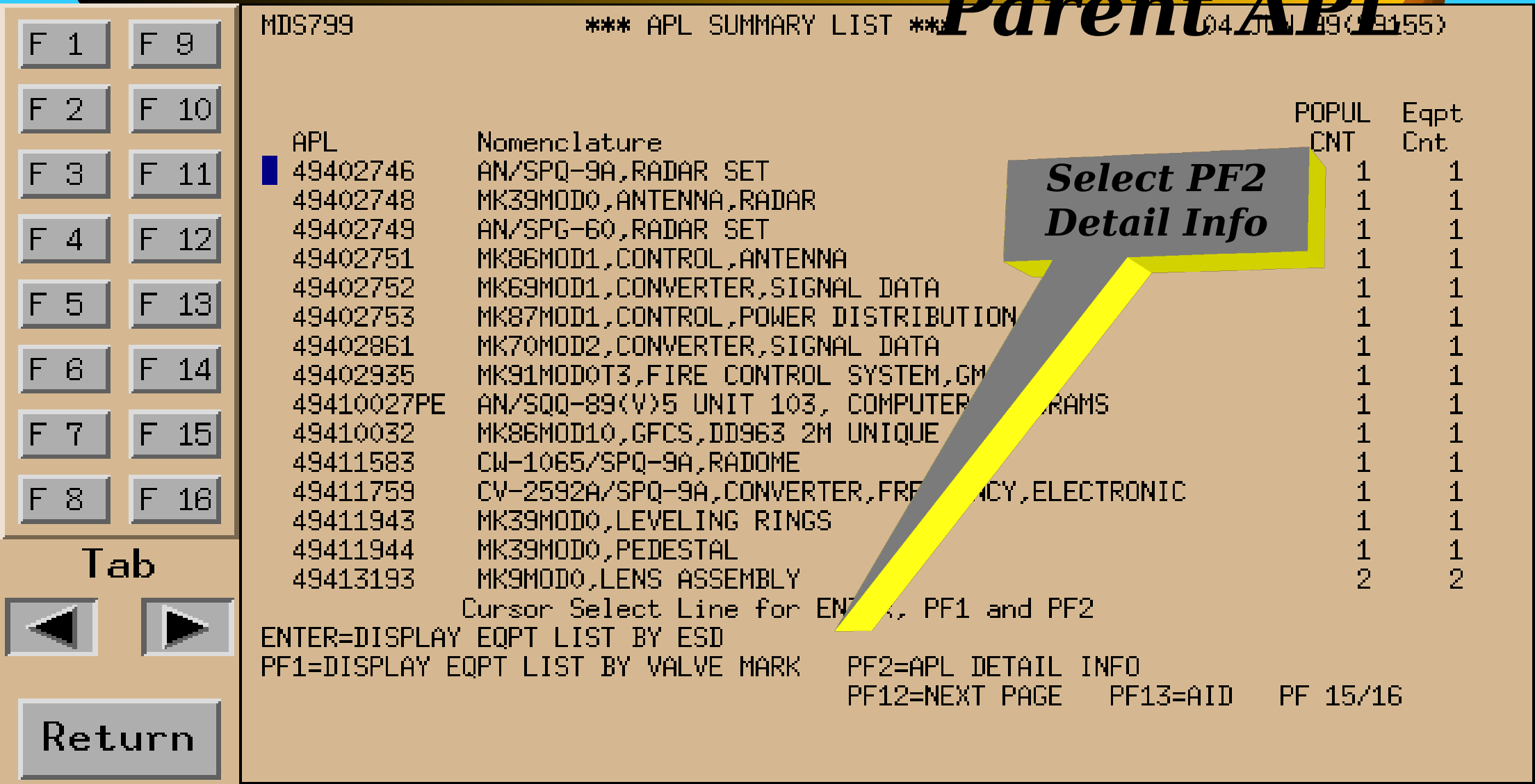
Pen & Ink Change
Adding ORDALT APL to the Parent APL



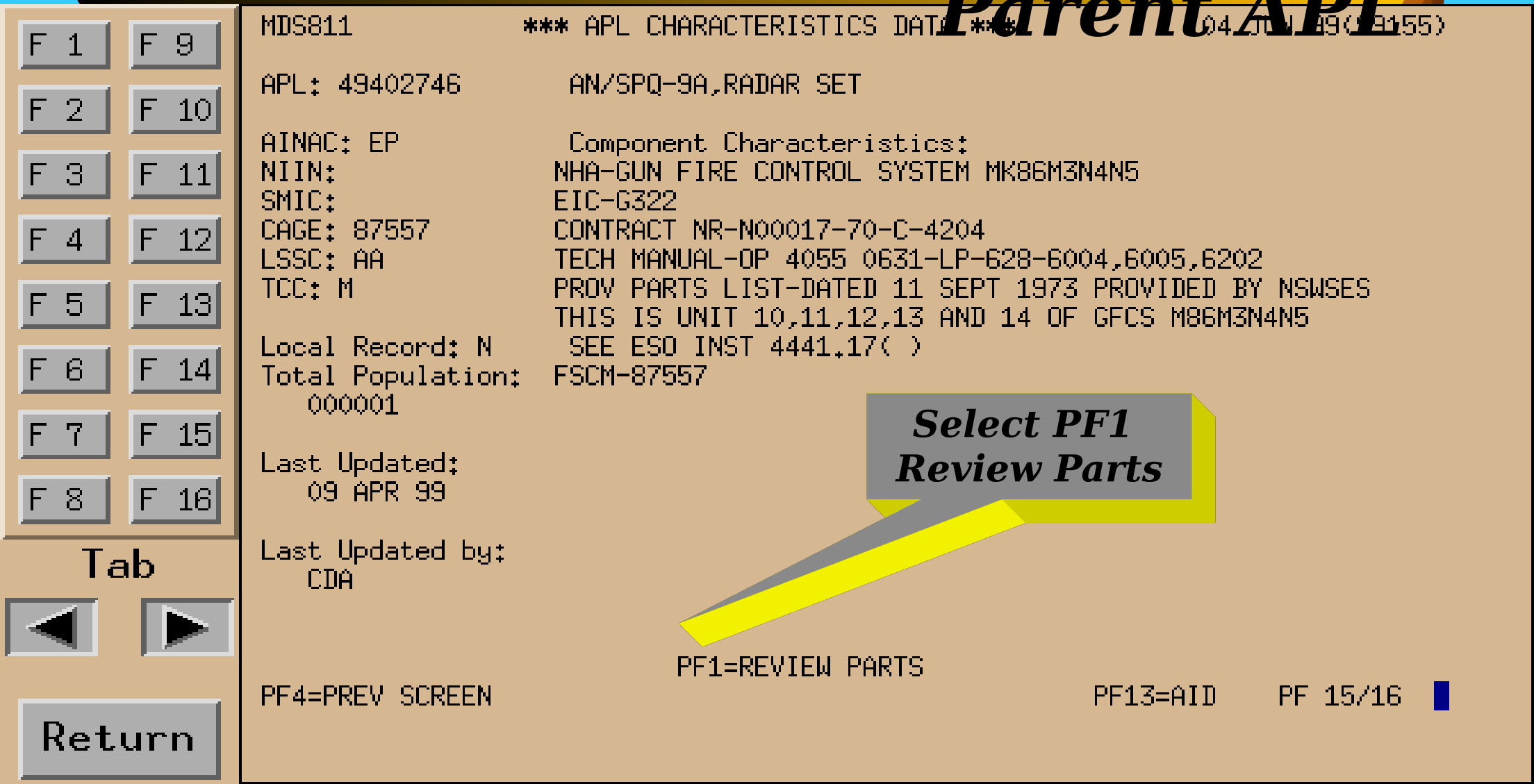
Pen & Ink Change
Adding ORDALT APL to the Parent APL



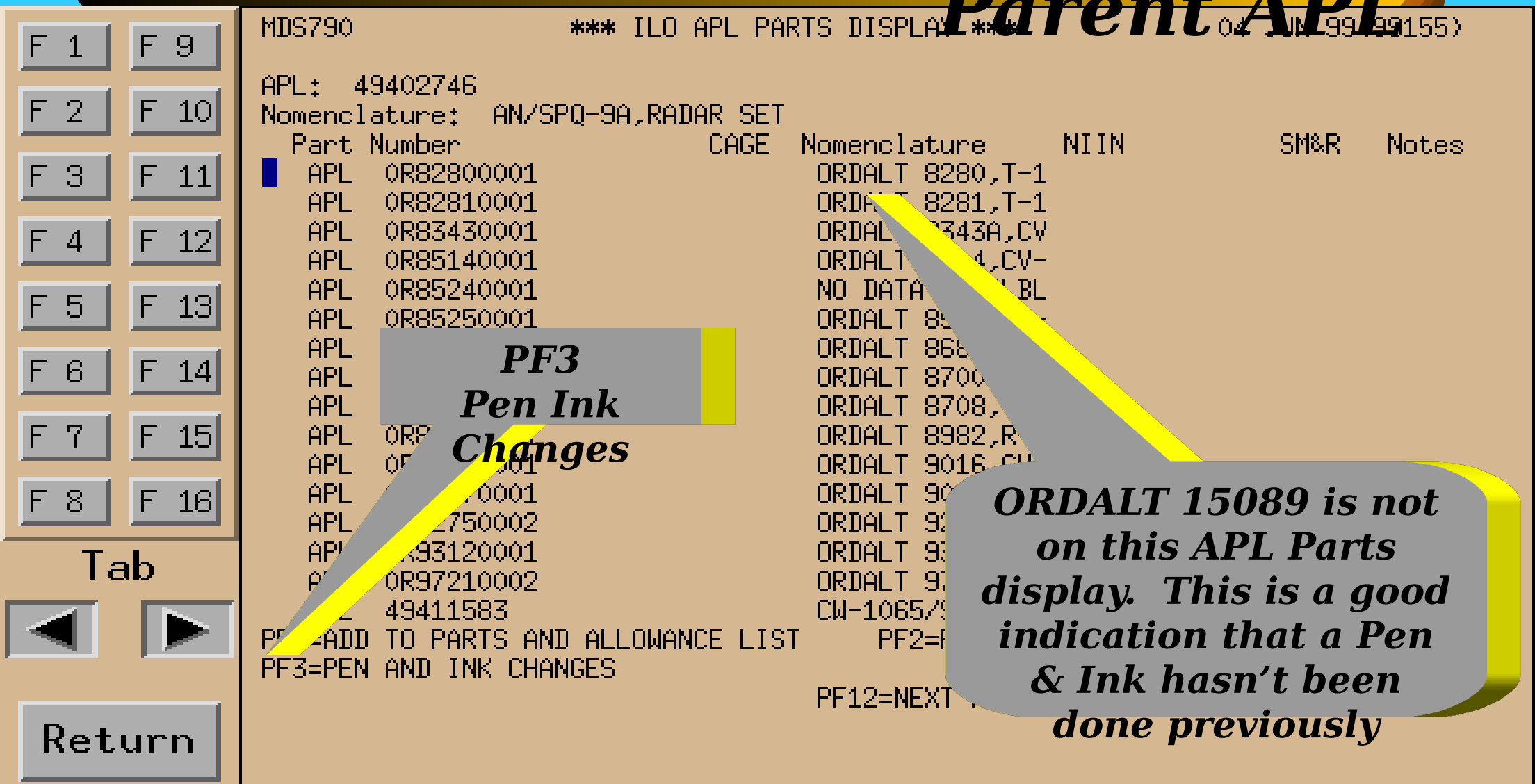
Pen & Ink Change
Adding ORDALT APL to the Parent APL



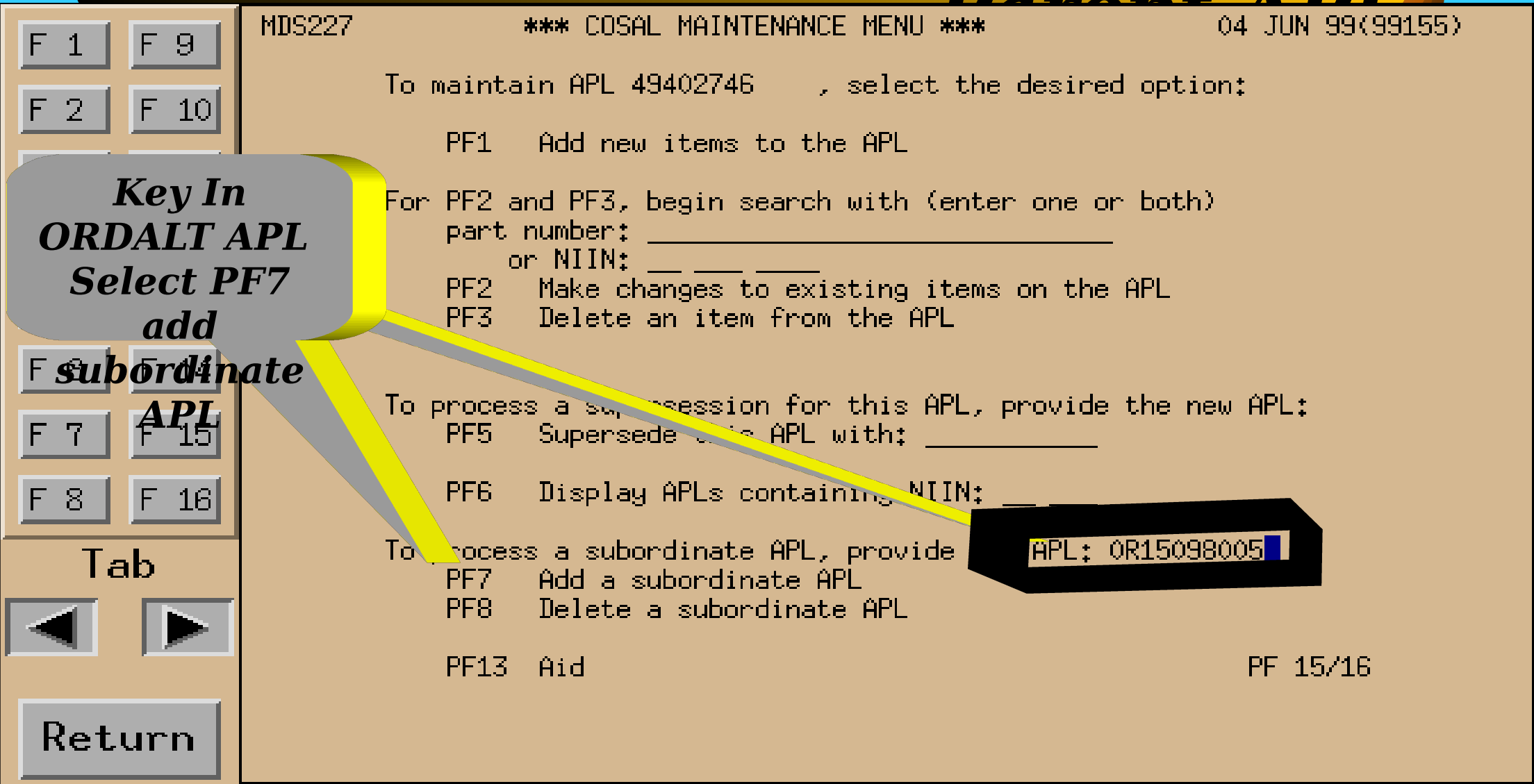
Pen & Ink Change
Adding ORDALT APL to the Parent APL



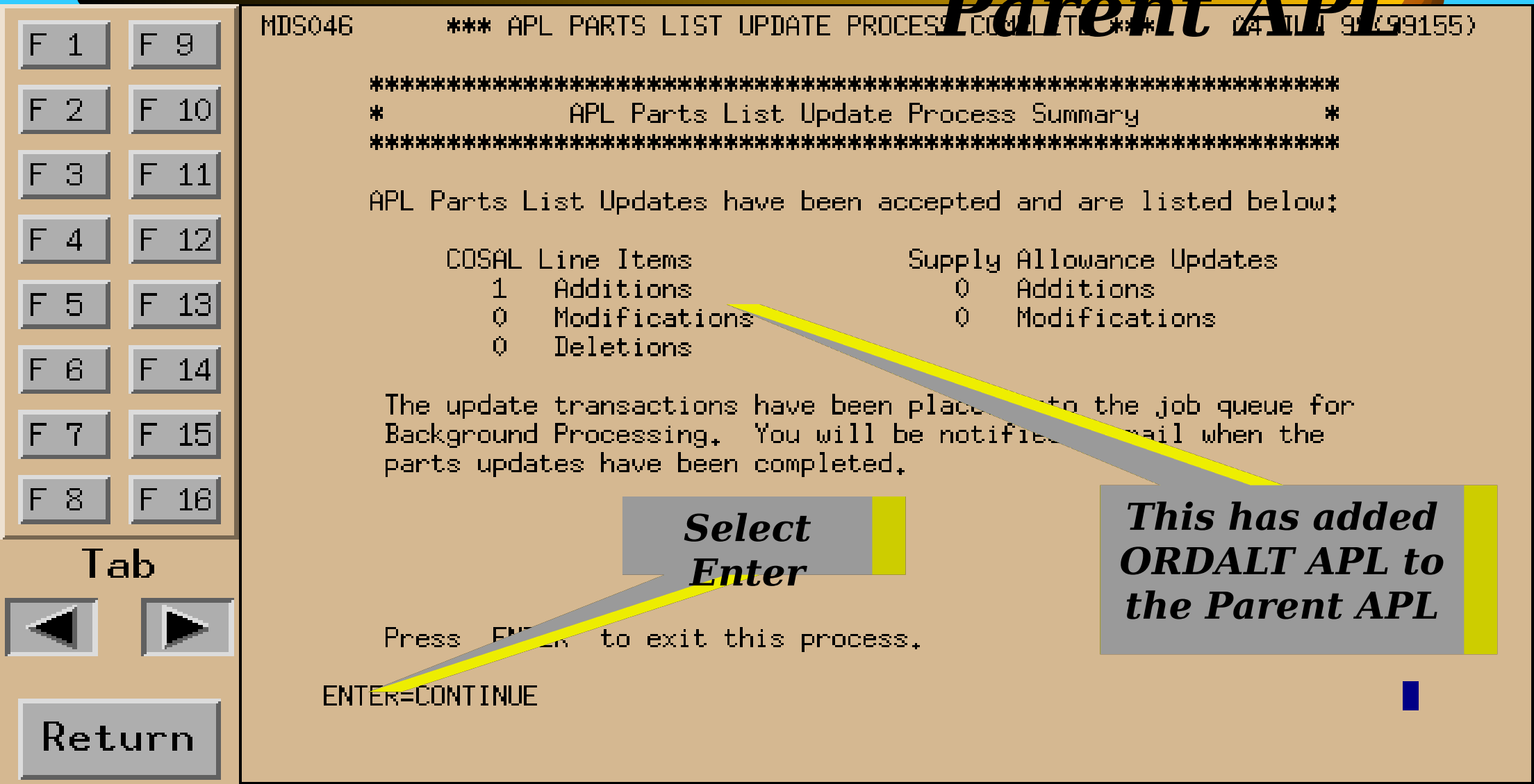
Pen & Ink Change
Adding ORDALT APL to the Parent APL



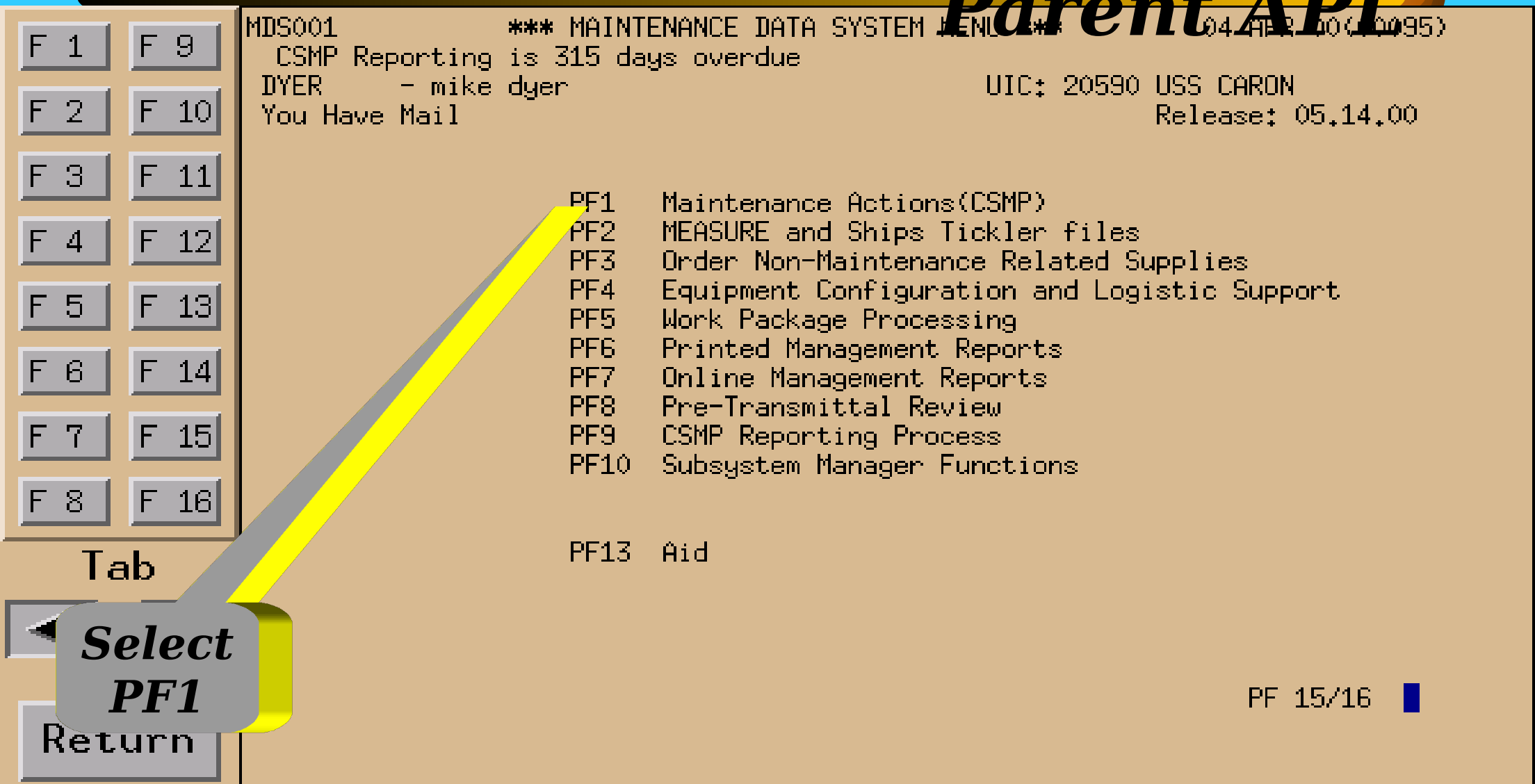
Pen & Ink Change
Adding ORDALT APL to the Parent APL


F 1
F 9
F 2
F 10
F 7
F 15
F 8
F 16
Tab
Return
MDS227 *** COSAL MAINTENANCE MENU *** 04 JUN 99(99155)
To maintain APL 49402746 , select the desired option:
PF1 Add new items to the APL
For PF2 and PF3, begin search with (enter one or both)
part number: _____
or NIIN: __ ___ ____
PF2 Make changes to existing items on the APL
PF3 Delete an item from the APL
To process a supersession for this APL, provide the new APL:
PF5 Supersede this APL with: _____
PF6 Display APLs containing NIIN: __
To process a subordinate APL, provide
PF7 Add a subordinate APL
PF8 Delete a subordinate APL
PF13 Aid
PF 15/16
APL: OR15098005
Key In ORDALT APL Select PF7 add subordinate APL

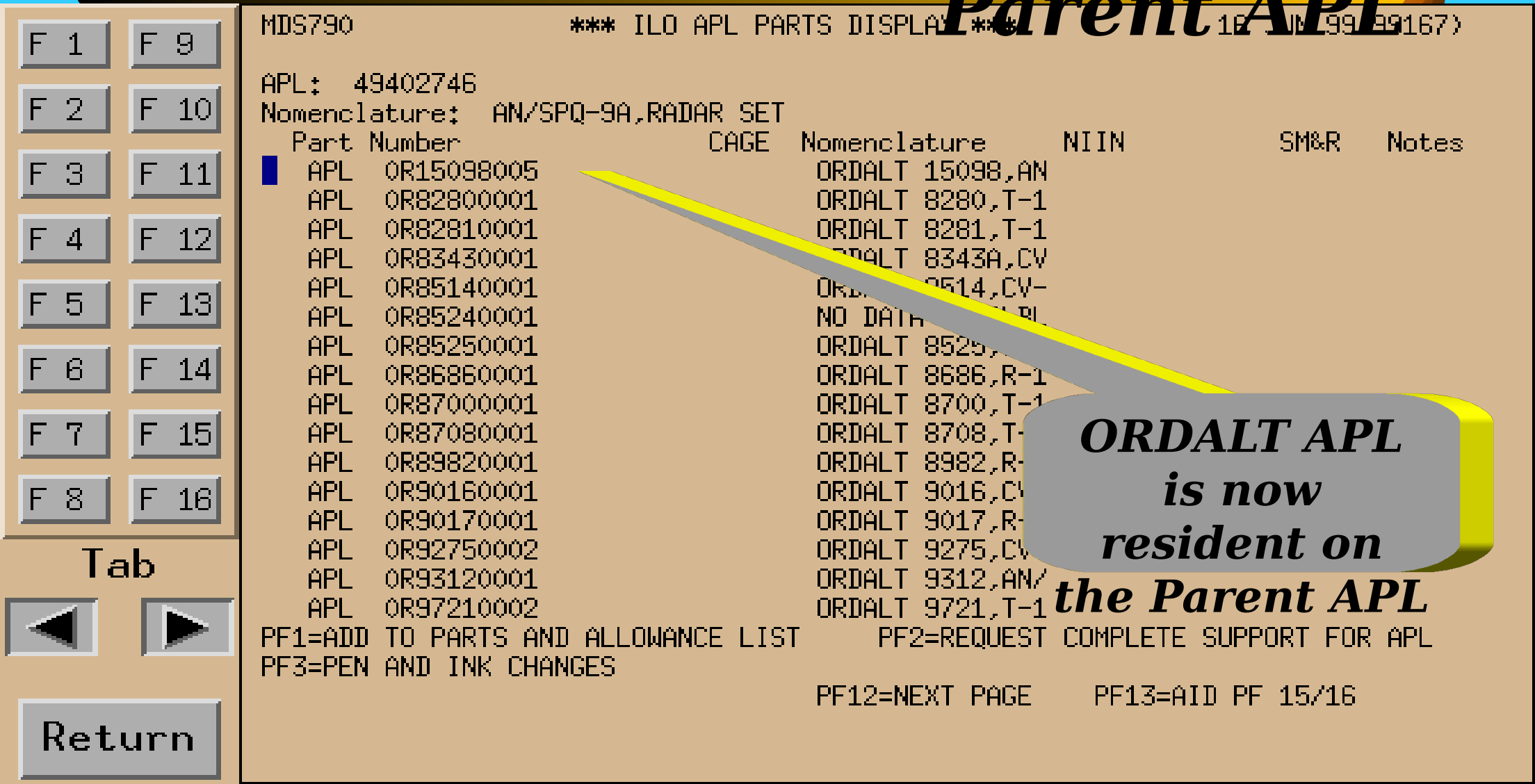
Pen & Ink Change
Adding ORDALT APL to the Parent APL



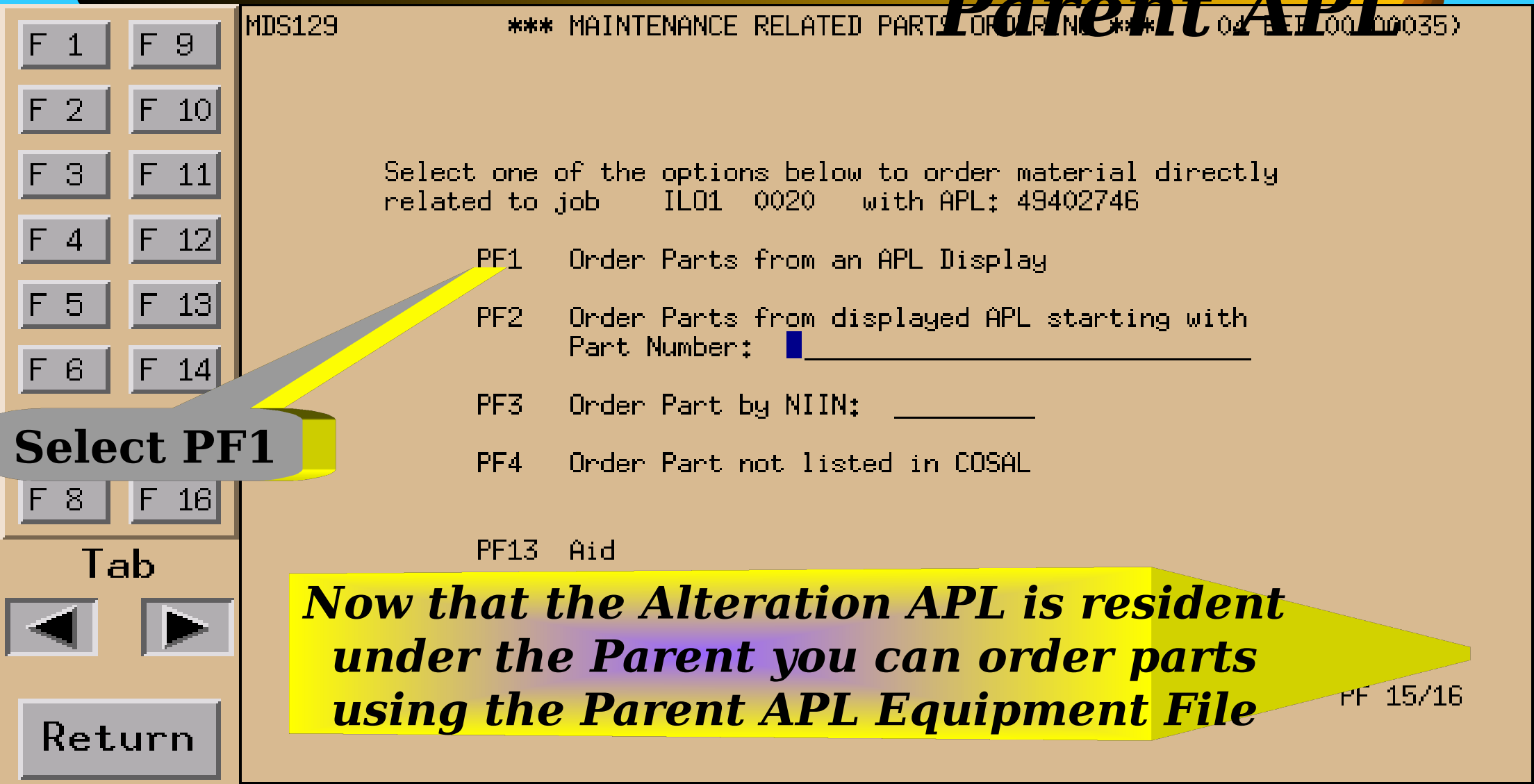
Pen & Ink Change
Adding ORDALT APL to the Parent APL



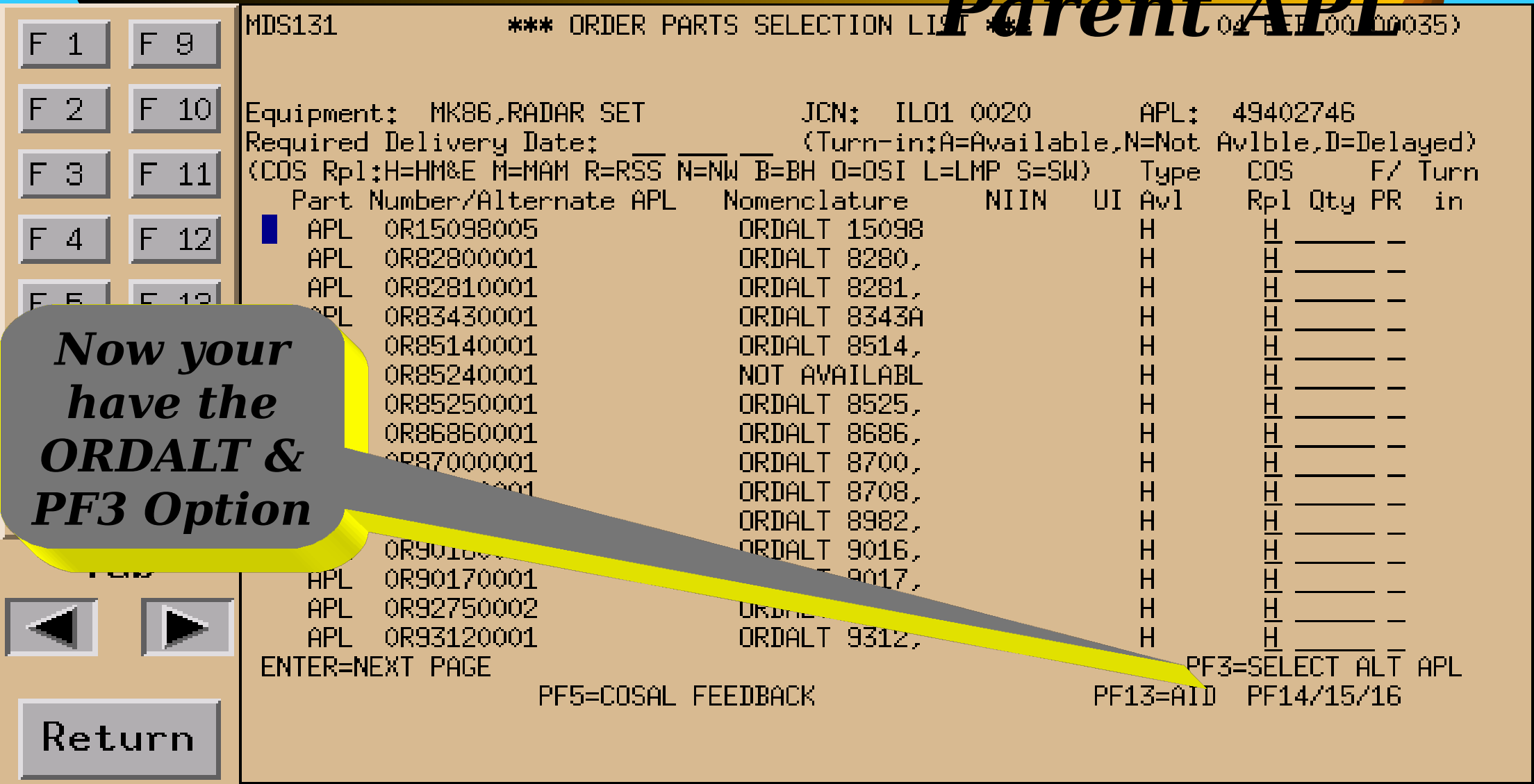
Pen & Ink Change
Adding ORDALT APL to the Parent APL



Pen & Ink Change
Adding ORDALT APL to the Parent APL

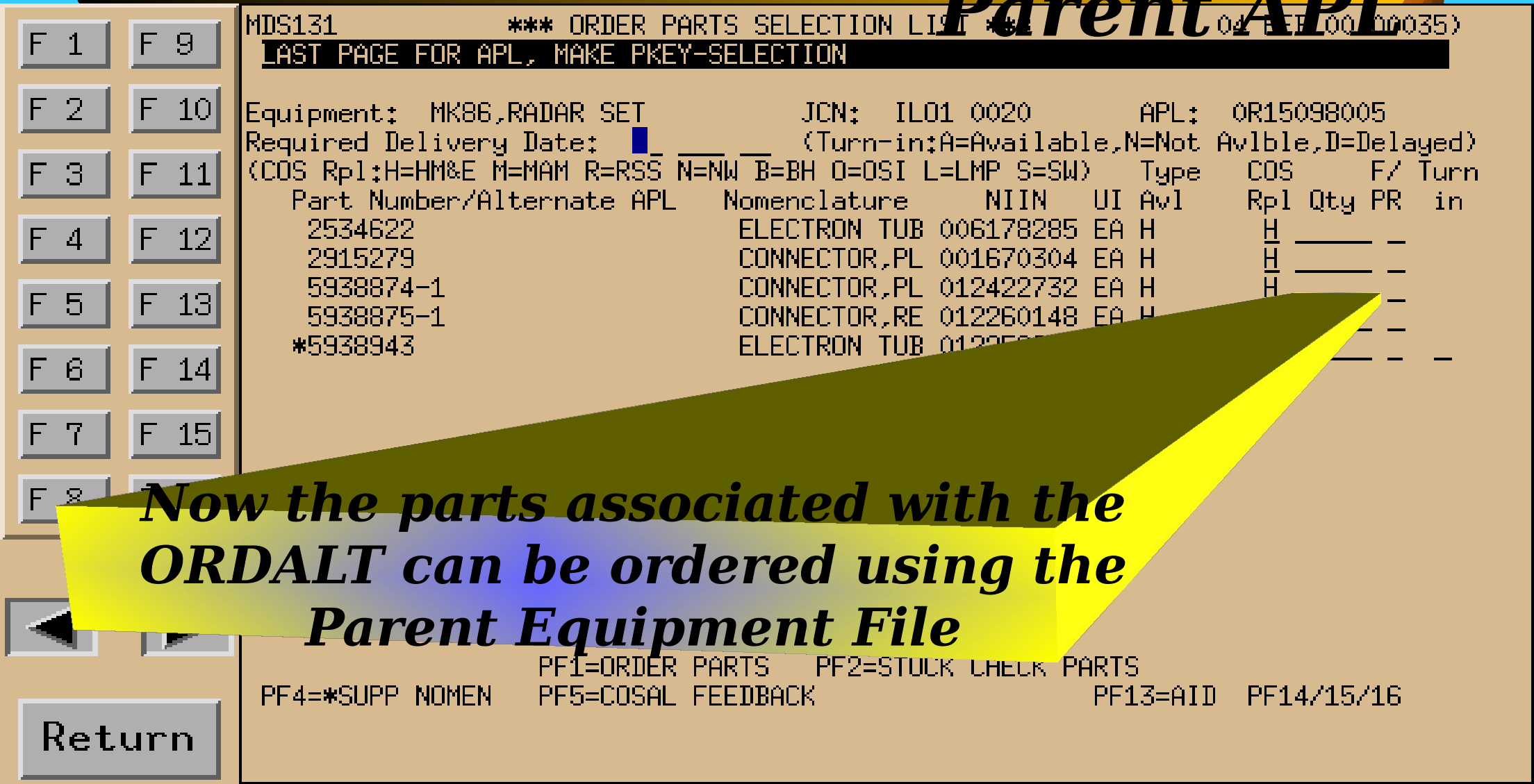


Pen & Ink Change
Adding ORDALT APL to the Parent APL


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
Return
MDS131 *** ORDER PARTS SELECTION LIST ***
Equipment: MK86,RADAR SET JCN: ILO1 0020 APL: 49402746
Required Delivery Date: __ ___ __ (Turn-in:A=Available,N=Not Avlble,D=Delayed)
(COS Rpl:H=HM&E M=MAM R=RSS N=NW B=BH O=OSI L=LMP S=SW)
Part Number/Alternate APL Nomenclature NIIN UI Avl Type Rpl COS Qty F/ PR Turn in
APL OR15098005 ORDALT 15098 H H
APL OR82800001 ORDALT 8280, H H
APL OR82810001 ORDALT 8281, H H
APL OR83430001 ORDALT 8343A H H
OR85140001 ORDALT 8514, H H
OR85240001 NOT AVAILABL H H
OR85250001 ORDALT 8525, H H
OR86860001 ORDALT 8686, H H
ORDALT 8700, H H
ORDALT 8708, H H
ORDALT 8982, H H
ORDALT 9016, H H
APL OR90170001 H H
APL OR92750002 H H
APL OR93120001 ORDALT 9312, H H
ENTER=NEXT PAGE
PF3=SELECT ALT APL
PF5=COSAL FEEDBACK
PF13=AID PF14/15/16

Now your have the ORDALT & PF3 Option

Pen & Ink Change
Adding ORDALT APL to the Parent APL


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
Return
MDS131 *** ORDER PARTS SELECTION LIST ***
LAST PAGE FOR APL, MAKE PKEY-SELECTION
Equipment: MK86,RADAR SET JCN: ILO1 0020 APL: OR15098005
Required Delivery Date: (Turn-in:A=Available,N=Not Avlble,D=Delayed)
(COS Rpl:H=HM&E M=MAM R=RSS N=NW B=BH O=OSI L=LMP S=SW) Type COS F/ Turn
Part Number/Alternate APL Nomenclature NIIN UI Avl Rpl Qty PR in
2534622 ELECTRON TUB 006178285 EA H H
2915279 CONNECTOR,PL 001670304 EA H H
5938874-1 CONNECTOR,PL 012422732 EA H H
5938875-1 CONNECTOR,RE 012260148 EA H
*5938943 ELECTRON TUB
PF1=ORDER PARTS PF2=STOCK CHECK PARTS
PF4=*SUPP NOMEN PF5=COSAL FEEDBACK PF13=AID PF14/15/16

Now the parts associated with the ORDALT can be ordered using the Parent Equipment File

Pen & Ink Change to the Parent APL

- Pen & ink changes are made for the following :
  - Add new item to APL
  - Change existing items on APL
  - Delete item from APL

Maintaining the Ship's Equipment Records



Maintaining the Ship's Equipment Records

- Automated shore interface (ASI)
  - Revised alternative data flow (RADCOM)
  - Records & record types
- SNAP configuration files
- Fleet equipment file (COSAL) feedback reports

Maintaining the Ship's Equipment Records

- ASI processing updates the following
  - Equipment file adds/deletes/corrections
  - LSD updates
  - Repair part information
  - APL/AEL data
  - Cross reference data

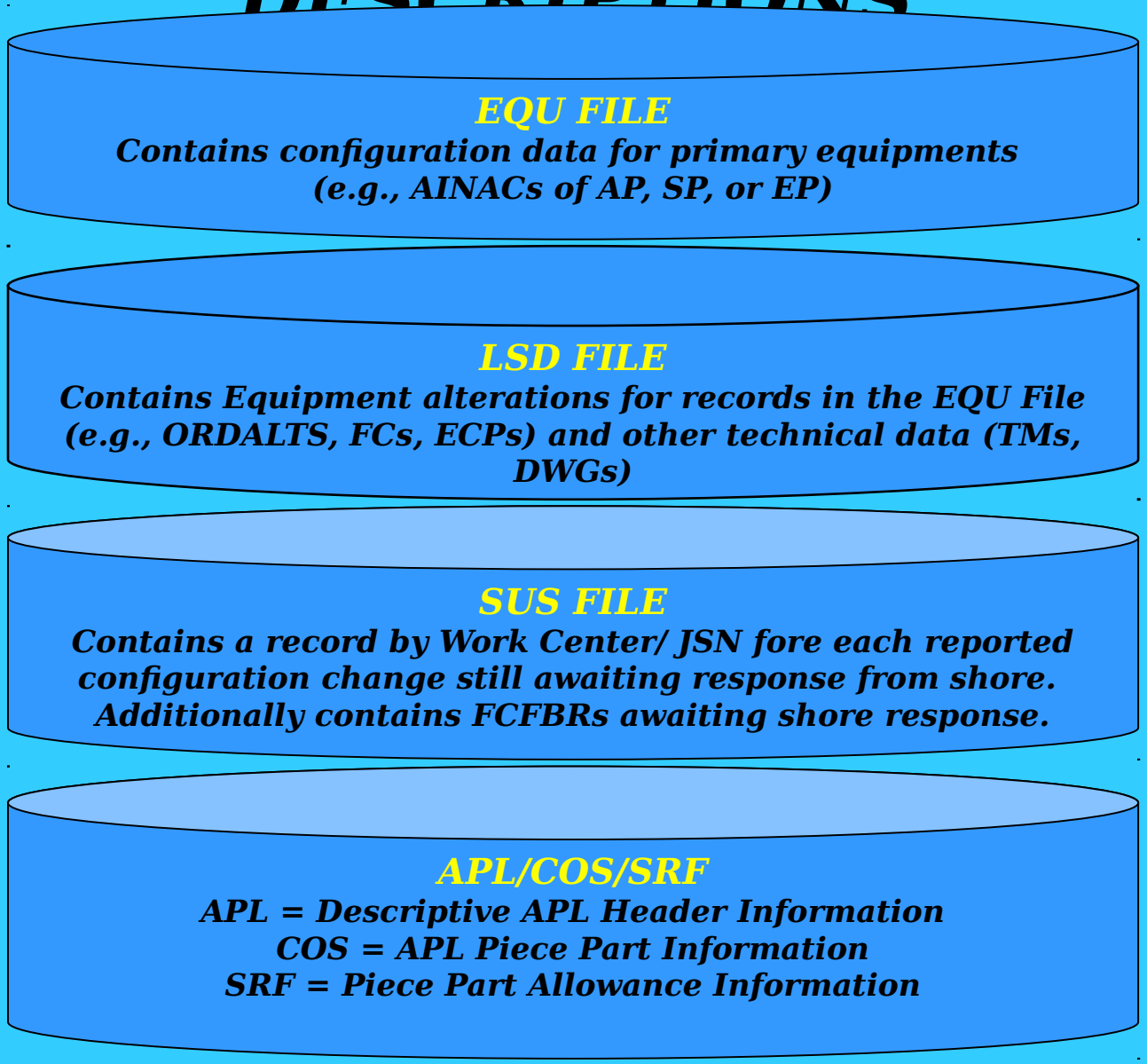
Maintaining the Ship's Equipment Records

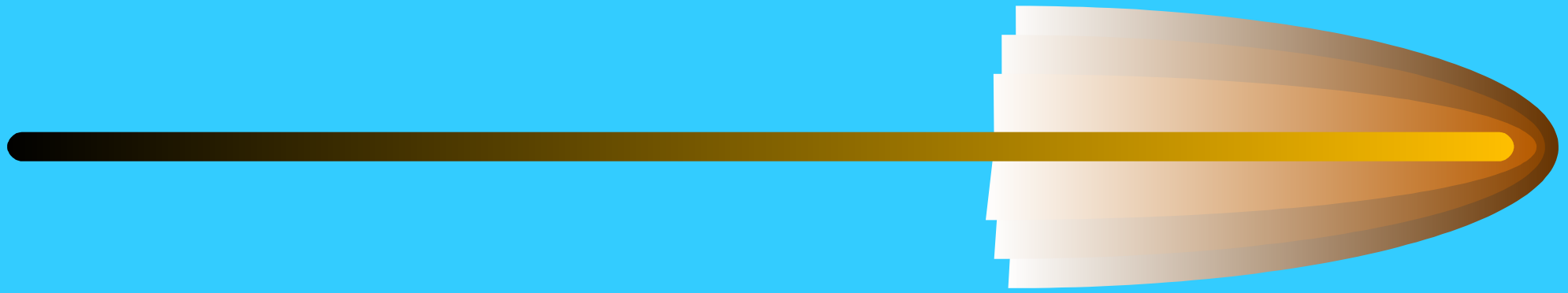
- You should be familiar with the following record types:
  - Type II records are actual equipment records supported by APL/RICs
  - Type IV records are alteration records against a type II record
  - Type III records are logistics support data records

Maintaining the Ship's Equipment Records

PART I	PART II	PART III
Index EQU	APLs APL/COS	OBRP Allow SRF
A1 – EQPT Configuration Data (Equivalent to Type 2)	B1, B2, B3 – APL/AEL Header Data	E1 – Stock Record Data
A2 – ALT Data (Equivalent to Type 4)	C1 APL/AEL Parts List Data	F1 – Stock # Cross Reference Data (P/N)
H1 – Logistics Support Data (Equivalent to Type 3)	D1, D2, D3, - APL/AEL Replacement Data	G1 – NIIN Changes G2 – Substitutes

SNAP CONFIGURATION FILE DESCRIPTIONS


EQU FILE
Contains configuration data for primary equipments (e.g., AINACs of AP, SP, or EP)
LSD FILE
Contains Equipment alterations for records in the EQU File (e.g., ORDALTS, FCs, ECPs) and other technical data (TMs, DWGs)
SUS FILE
Contains a record by Work Center/ JSN fore each reported configuration change still awaiting response from shore. Additionally contains FCFBRs awaiting shore response.
APL/COS/SRF
APL = Descriptive APL Header Information
COS = APL Piece Part Information
SRF = Piece Part Allowance Information



ASI Record Types & File They Update

- **EQU (Equipment file)**
  - **A1** = Equipment Configuration Data
  - **A2** = Equipment Alteration Data
- **APL (Allowance Parts List file)**
  - **B1** = APL/AEL Header Data
  - **B2 – B7** = APL Characteristics Data
- **COS (COSAL file)**
  - **C1** = APL/AEL Parts Data
- **APL/AEL Replacements**
  - **D1 – D7** = Superseded APL/AEL (replacement)
- **SRF (Stock Record File)**
  - **E1** = Stock Record Data
- **XRF (Cross Reference File)**
  - **F1** = Part Number to NIIN
  - **G1** = Stock Number Change (Superseded)
  - **G2** = Stock Number Substitutes/Interchangeable
- **LSD (Logistics Support Data file)**
  - **H1** = Logistics Support Data (MIP, TM, DWNG. NO.,etc.)

Maintaining the Ship's Equipment Records

ASI PROCESSING CHECK OFF LIST

PROCESSING OF ASI NUMBER:_____
SCHEDULED FOR:_____(DATE/TIME), AS SCHEDULED BY:
SNAP II COORDINATOR_____
3-M COORDINATOR_____
SUPPLY OFFICER_____
LEADING SK_____

	PERSON RESPONSIBLE	DATE/TIME COMPLETED	INITIALS
.PRE-TRANSMITTAL REVIEW, ALL 4790/CKs AND FILE CORRECTIONS	3-M COORD	_____	_____
.RUN TRANSACTION LEDGER(LIVE). STORE WITH MASTER TRANSACTION	LEADING SK	_____	_____
.RUN REORDER REVIEW LISTING (INCLUDE DUES,SUBS AND HIGH LIMIT) FOR HME, MAM & OSI	LEADING SK	_____	_____

Maintaining the Ship's Equipment Records

ASI PROCESSING CHECK OFF LIST

4. PERFORM FULL SYSTEMS BACKUPS (INCLUDING COSAL FILE) TWENTY FOUR HOURS PRIOR TO ASI PROCESSING **SNAP-COORD _____ _____**

5. LOAD AND PROCESS ASI **D _____ _____**

6. RUN SUSPENSE STATISTICAL SU… COMPARE TO REPORT OF… **3M-COORD _____ _____**

7. PRINT 2 COPIES OF ASI INPUT ERROR REPORTS. REVIEW, THEN FORWARD ONE COPY OF EACH TO CDM UNDER COVER LETTER SIGNED BY SUPPO… OR CO. ERROR REPORTS CAN ALSO BE DOWNLOADED AS A FILE AND SENT TO CDM FOR ACTION VIA RAD.

C… ADED AS A FILE AND SENT TO… RAD. **3M-COORD _____ _____**

Maintaining the Ship's Equipment Records

ASI PROCESSING CHECK OFF LIST

8. PRINT AND VERIFY BULK INPUT (VBI) AND ASI INPUT SUMMARY REPORTS **3M-COORD_____ _____**

9. PROCESS VBI REPORT WITH ASSISTANCE FROM WORK CENTER SUPERVISORS. ANNOTATE ACTIONS TAKEN ON REPORT. THE "AUTOVBI UTILITY" IS AUTHORIZED TO BE USED HOWEVER, VBI DELETES MUST BE VALIDATED MANUALLY FIRST PRIOR TO RUNNING THE UTILITY. **3M-COORD_____ _____**

10. RUN EQUIPMENT FILE ANALYSIS REPORT. COMPARE TO REPORT OF PRIOR ASI CYCLE. **3M-COORD _____ _____**

11. RUN SUMMARY OF EFFECTIVE APLs (SOEAPL). COMPARE REPORT OF PRIOR ASI CYCLE **3M-COORD _____ _____**

Maintaining the Ship's Equipment Records

ASI PROCESSING CHECK OFF LIST

12. PRINT AUTOMATED STOCK REPORT (RPT-091 4 PARTS) **LEADING SK_____ _____**

13. CORRECT RECORDS APPEARING ON TRANSACTION ERROR LIST OF AUTOMATED STOCK REPORT(PARTS I & III). ANNOTATE ACTIONS TAKEN. **LEADING SK _____ _____**

14. REVIEW/APPROVE NAVSEA REQNS AND TYCOM (HM&E) SHORTAGES **LEADING SK _____ _____**

15. PROCESS, RELEASE AND OUTPUT INITIAL OUTFITTING REQUISITIONS FOR SALTS TRANSMISSION AFTER ASI PROCESSING. **LEADING SK_____ _____**

Maintaining the Ship's Equipment Records

ASI PROCESSING CHECK OFF LIST

16. SEND NAVSEA FUNDED REQNS
(HME/MAM/OSI(NOT YET IMPLEMENTED)
VIA SALTS TO SUPPO/ FISC
Puget Sound (NUV CODE 70 & 71) **LEADING SK_____ _____**

17. PRINT PENDING COSAL DEFICIENCY
RECORDS LISTING AND REVIEW TO ENSURE
ALL REQNS WERE PRODUCED **LEADING SK_____ _____**

Maintaining the Ship's Equipment Records

ASI PROCESSING CHECK OFF LIST

18. RUN TRANSACTION LEDGER (LIVE). PRINT 2 COPIES. STORE ONE WITH MASTER TRANSACTION LEDGER LISTING AND ONE WITH ASI LISTINGS **LEADING SK_____ _____**

19. RUN REORDER REVIEW LISTING FOR HME, MAM AND OSI. **LEADING SK_____ _____**

20. PERFORM FULL SYSTEMS BACKUPS (INCLUDING COSAL) **SNAP COORD_____ _____**

21. FILE THIS SHEET AND ALL LISTINGS ASSOCIATED WITH THIS ASI PROCESSING INCLUDING REQN SUBMISSION **LEADING SK _____ _____**

Maintaining the Ship's Equipment Records

STOCK RECORDS UPDATED BY ASI (RPT-091 HARD COPY) _____

PRE-ASI TRANSACTION LEDGER. STORE IN MASTER TRANSACTION LEDGER FILE _____

POST-ASI EQUIP FILE ANALYSIS REPORT (HARD COPY) _____

POST-ASI TRANSACTION LEDGER _____

POST-ASI SOEAPL (HARD COPY OR DISK) _____

ASI INPUT ERROR LISTINGS (HARD COPY) _____

VBI LISTING (ANNOTATED HARDCOPY OR DISK) _____

ASI INPUT SUMMARY LISTINGS (DISK) _____

AUTOMATED STOCK REPORT (4 PARTS) ANNOTATED (HARD COPY) _____

POST-ASI REORDER REVIEW (HME/MAM/OSI(NOT YET IMPLEMENTED) HARD COPY _____

HME/MAM/OSI (NOT YET IMPLEMENTED) INITIAL OUTFITTING REQN LISTING (HARD COPY OR DISK) _____

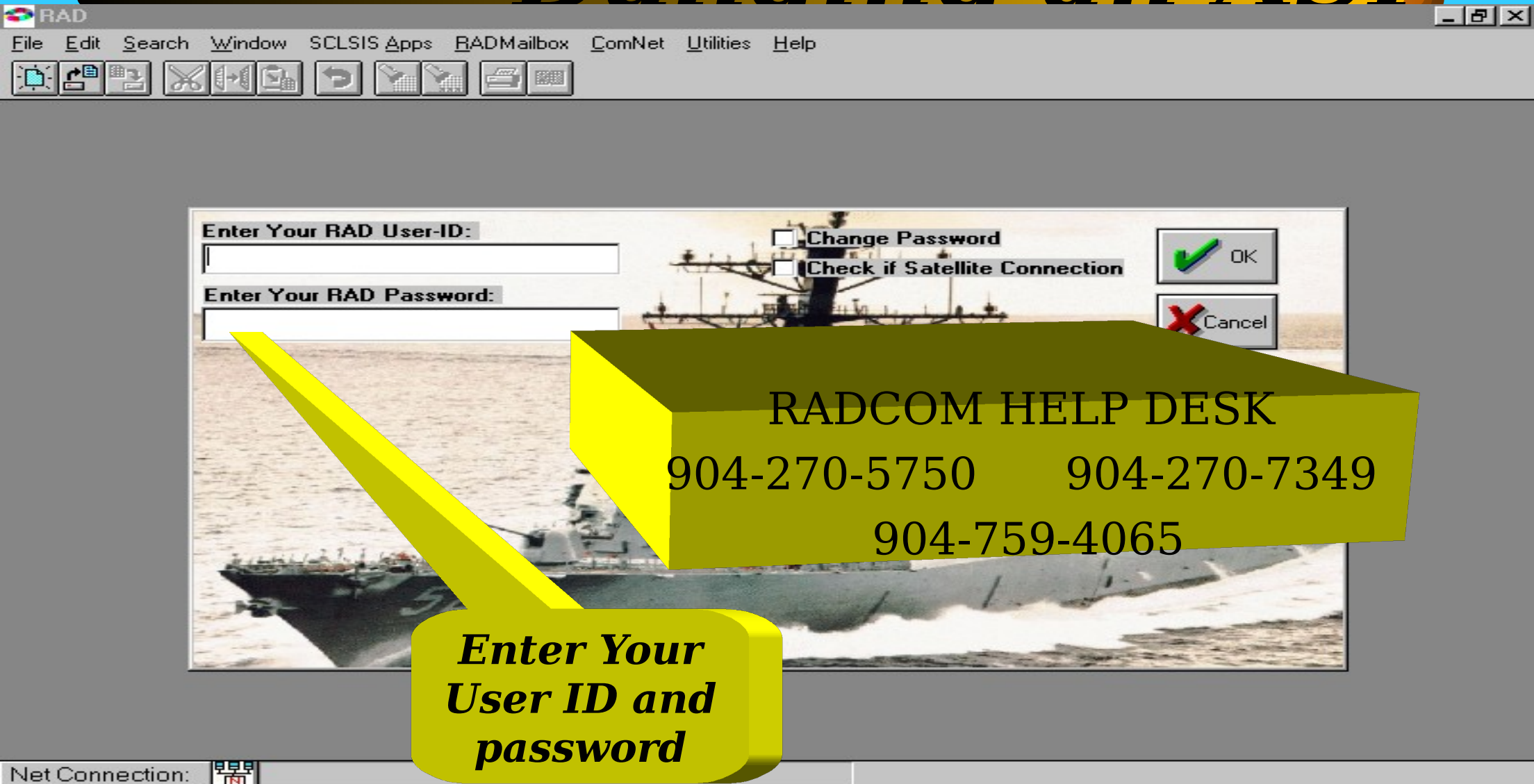
22. REPORT ASI PROCESSING BY SEQUENCE NUMBER/REQN STATUS ON NEXT BUDGET OPTAR REPORT (BOR) _____

Revised Alternative Data Flow (RAD)

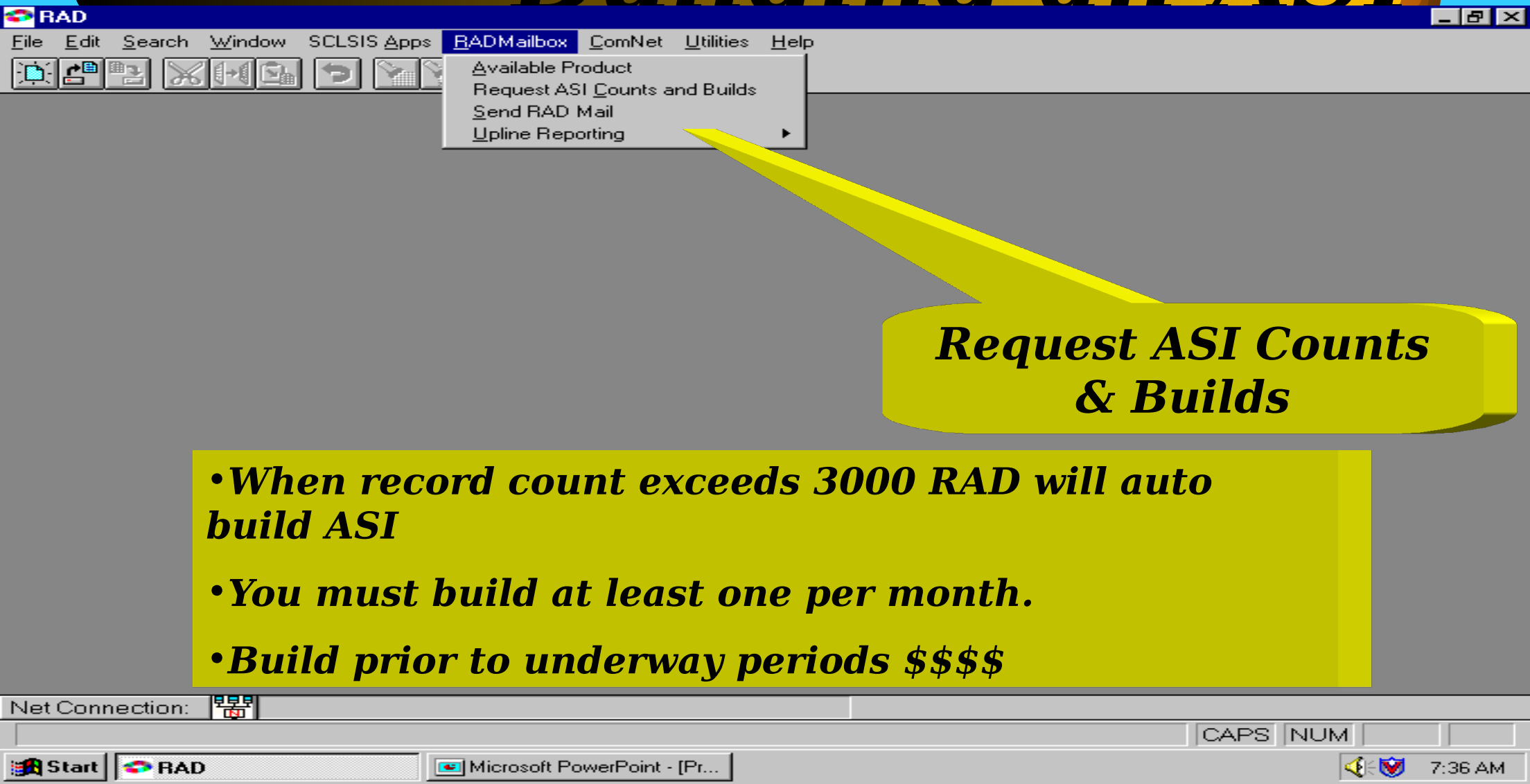


Record Count Inquiry Building an ASI Product

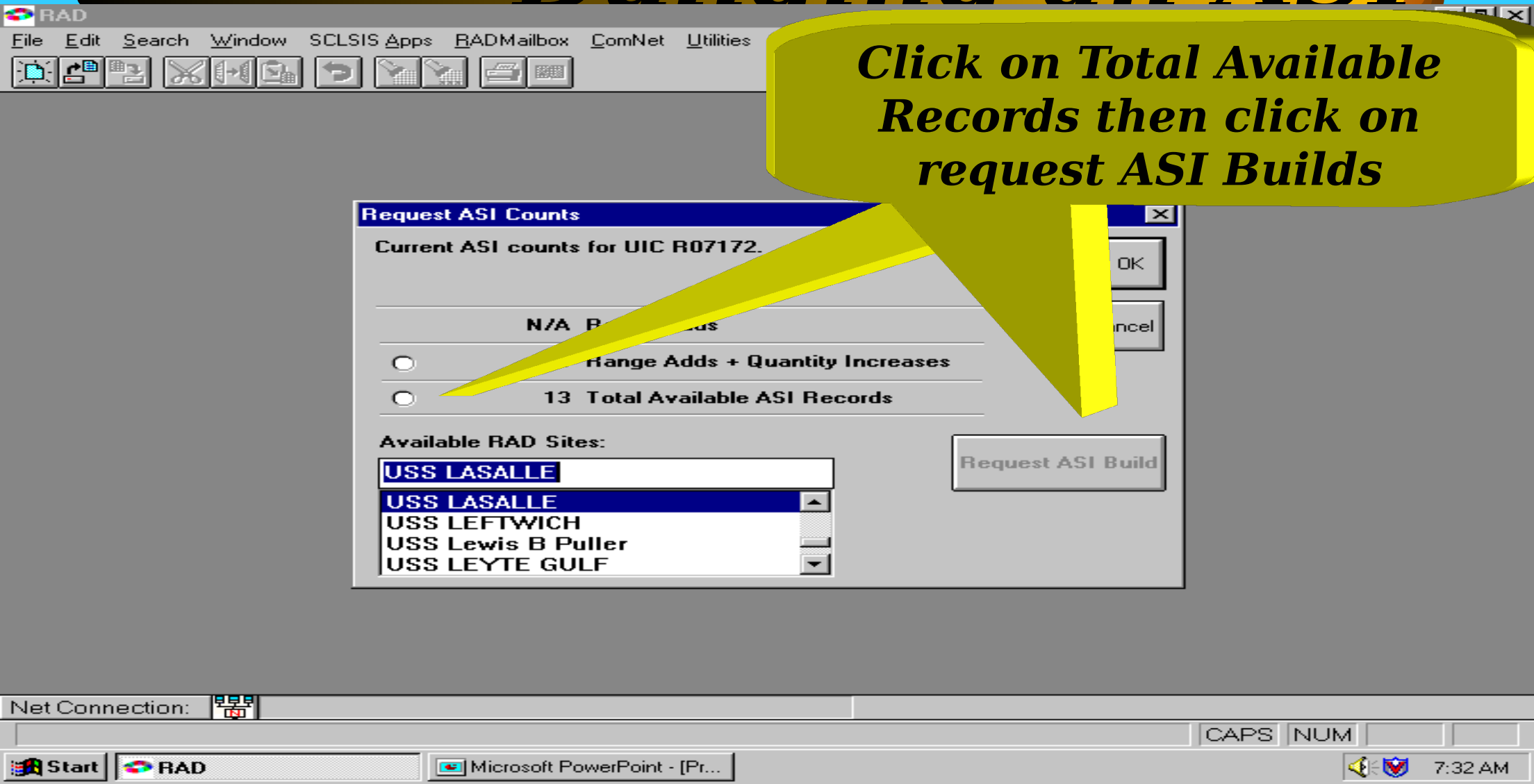
Record Count Inquiry Building an ASI



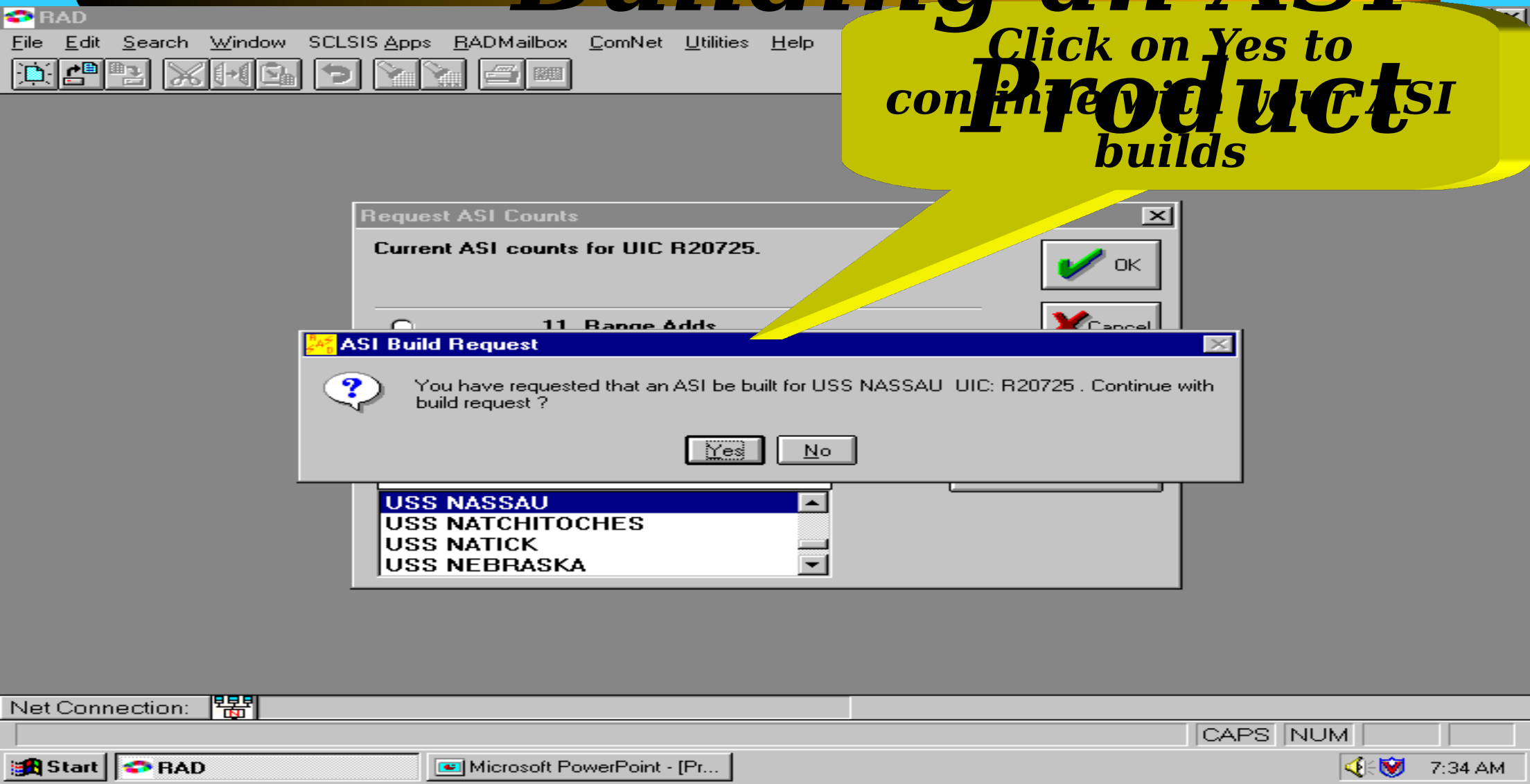
Record Count Inquiry Building an ASI


RAD
File Edit Search Window SCLSIS Apps RADMailbox ComNet Utilities Help
Available Product
Request ASI Counts and Builds
Send RAD Mail
Upline Reporting
Request ASI Counts & Builds
•When record count exceeds 3000 RAD will auto build ASI
•You must build at least one per month.
•Build prior to underway periods $$$$
Net Connection:
CAPS NUM
Start RAD Microsoft PowerPoint - [Pr... 7:36 AM

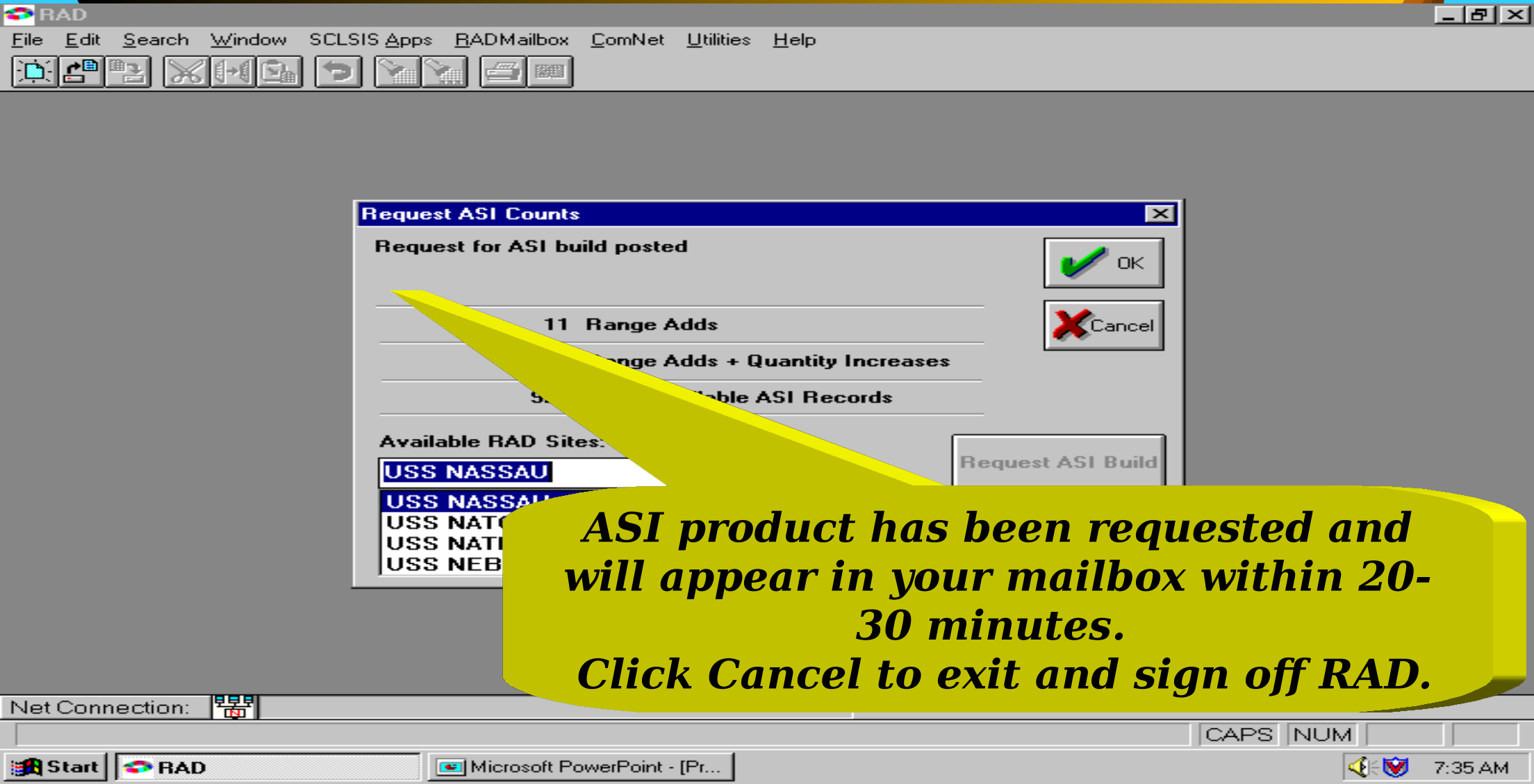
Record Count Inquiry Building an ASI



Record Count Inquiry Building an ASI Product



Record Count Inquiry
Building an ASI Product

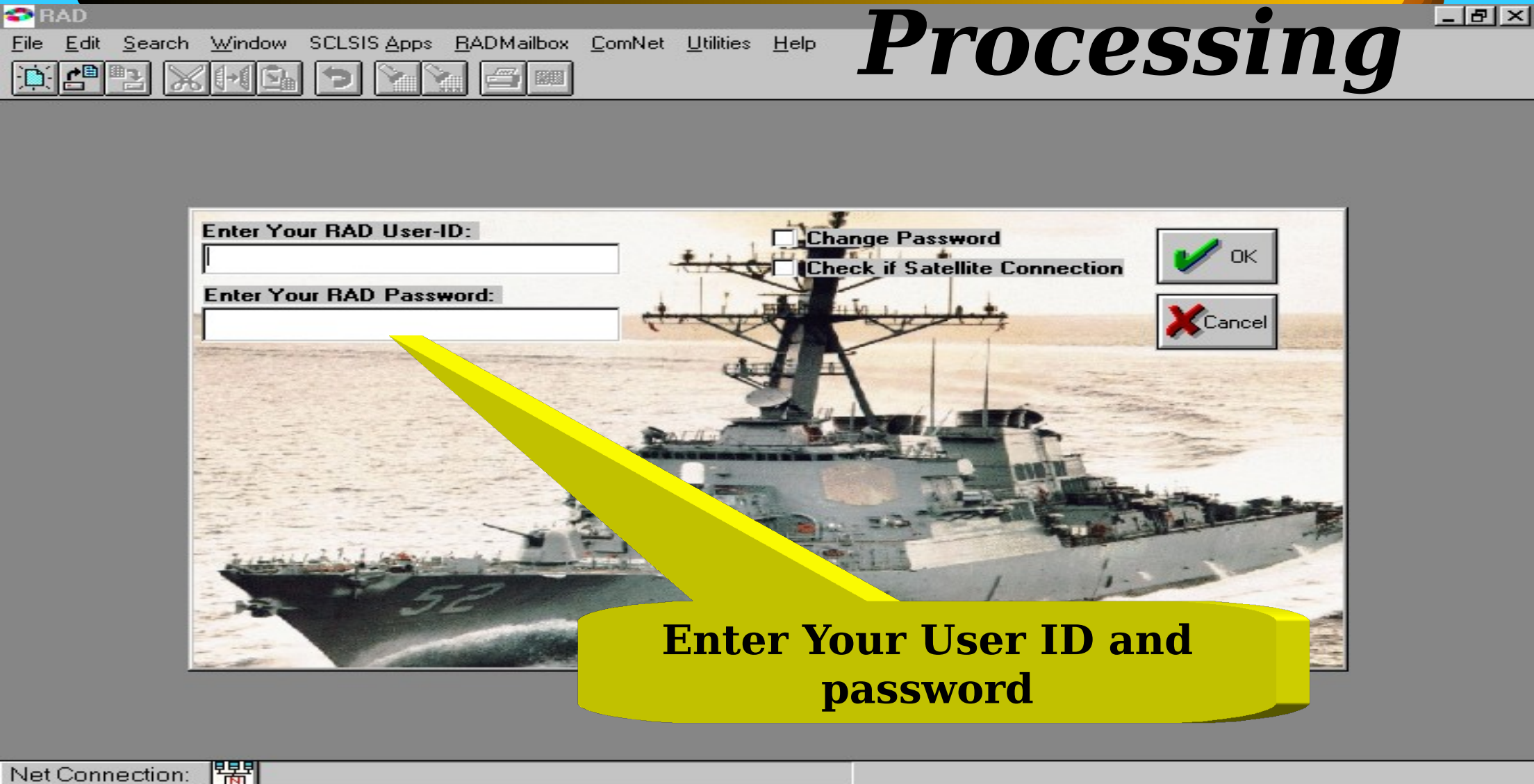


Revised Alternative Data Flow (RAD)

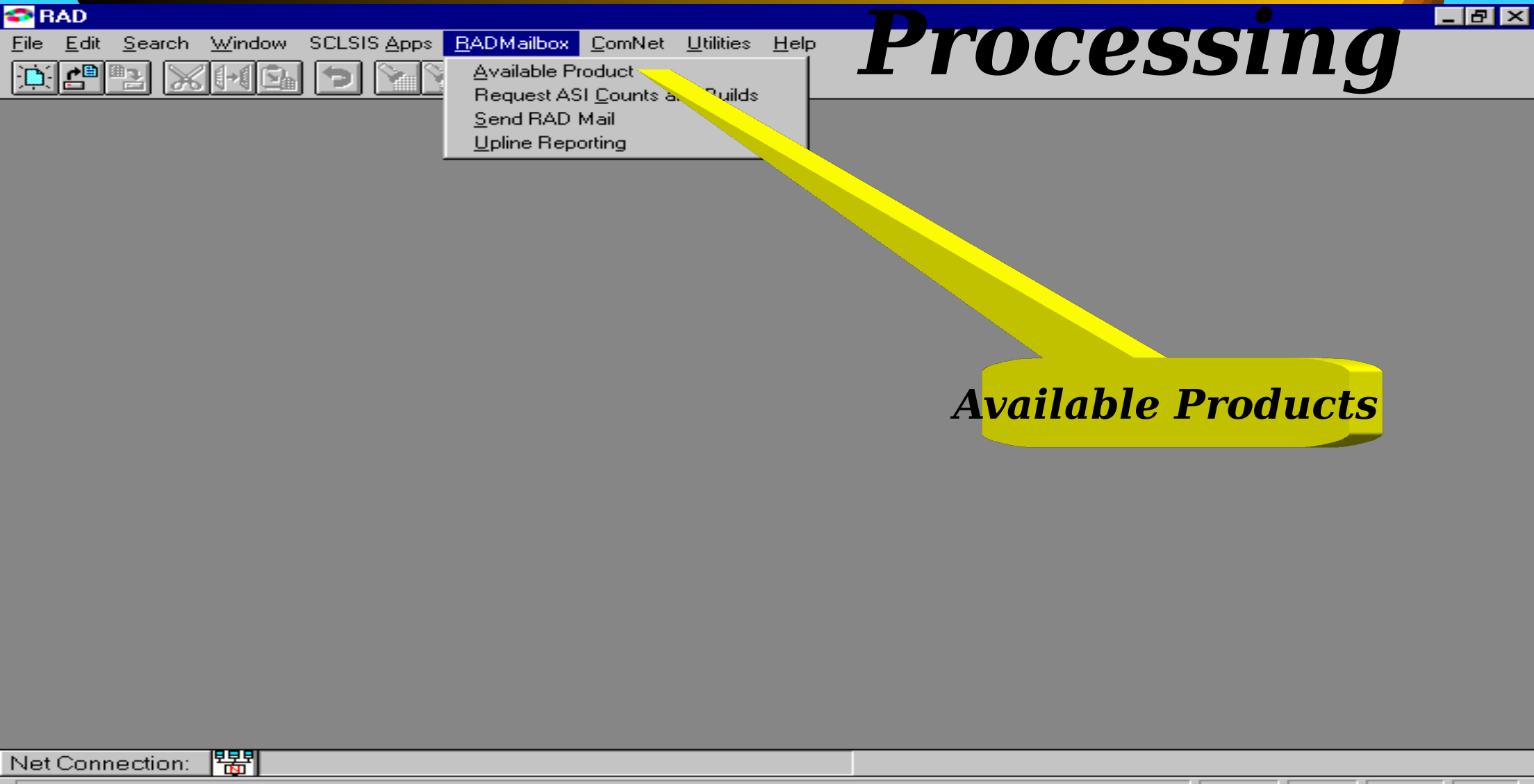


Drawing Down Available ASI Products for Processing

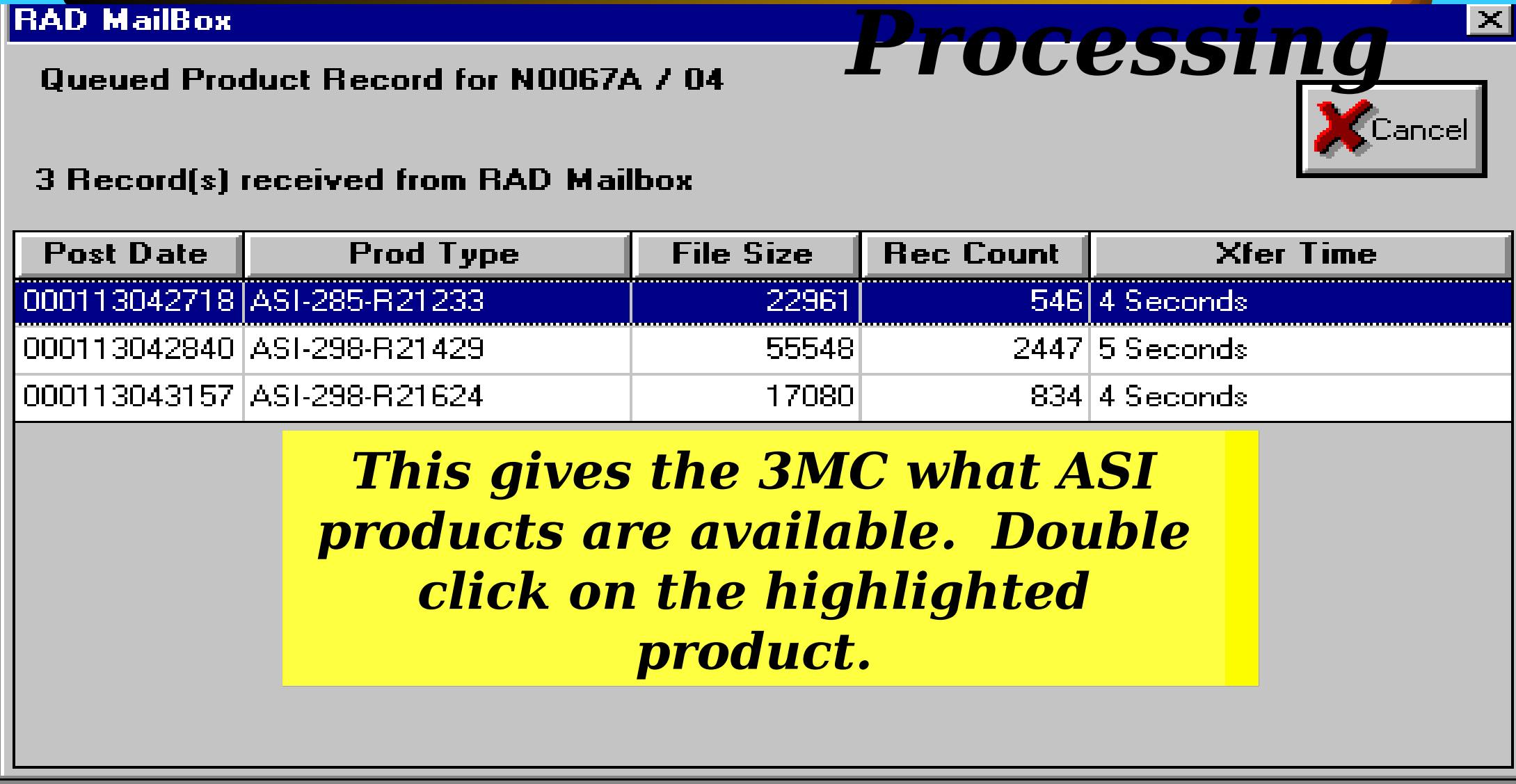
Drawing Down Available ASI Products for Processing



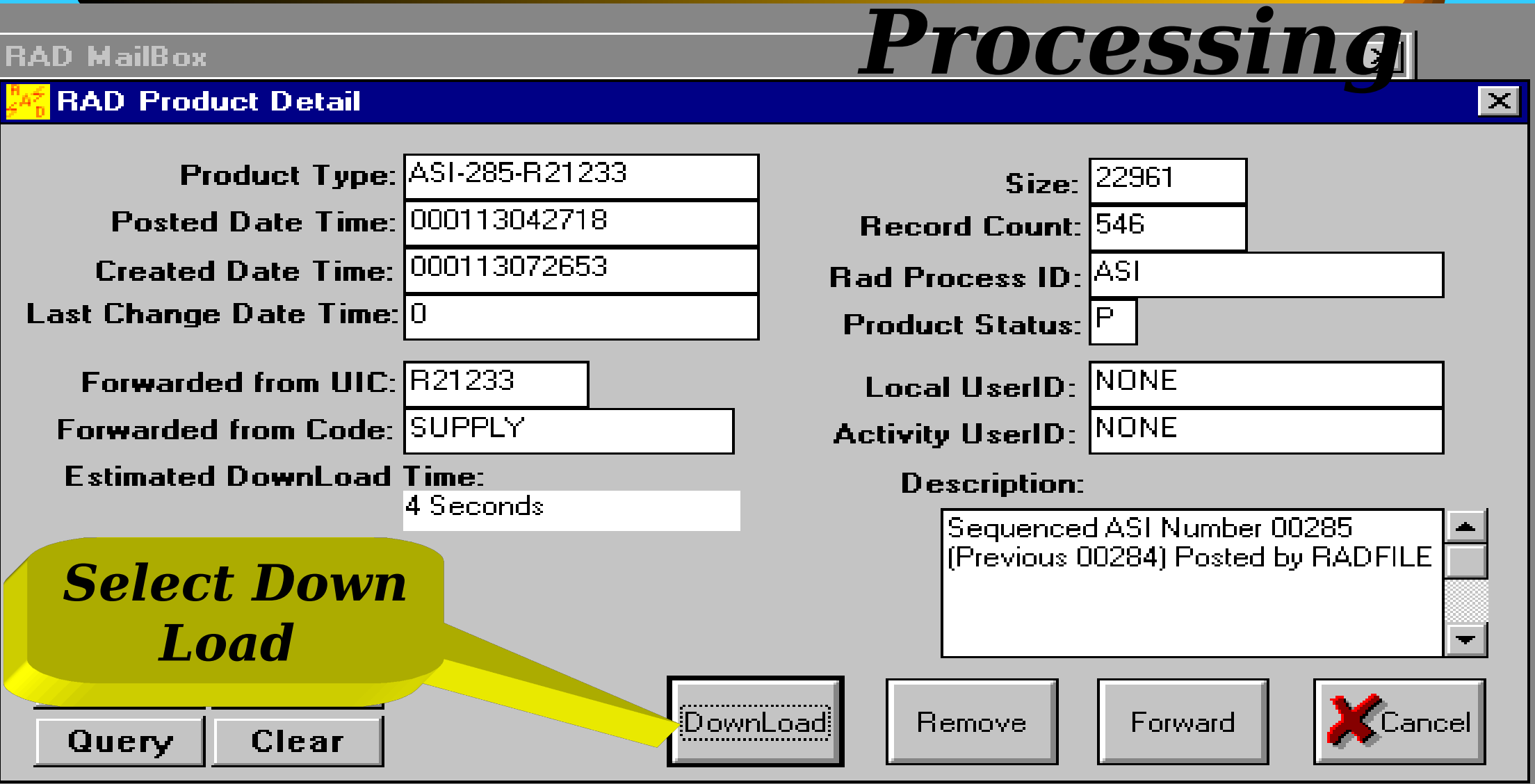
Drawing Down Available ASI Products for Processing



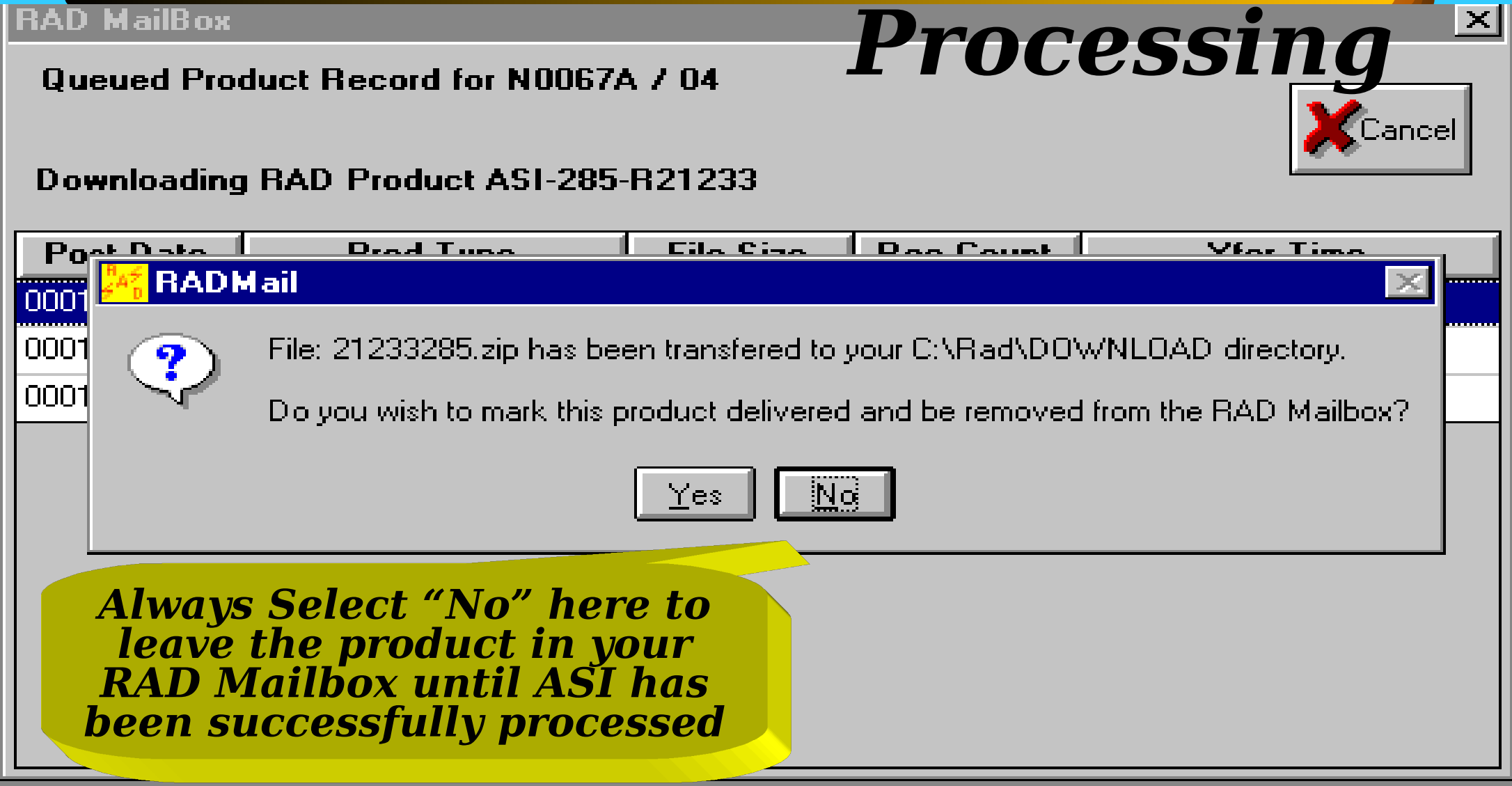
Drawing Down Available ASI Products for Processing



Drawing Down Available ASI Products for Processing

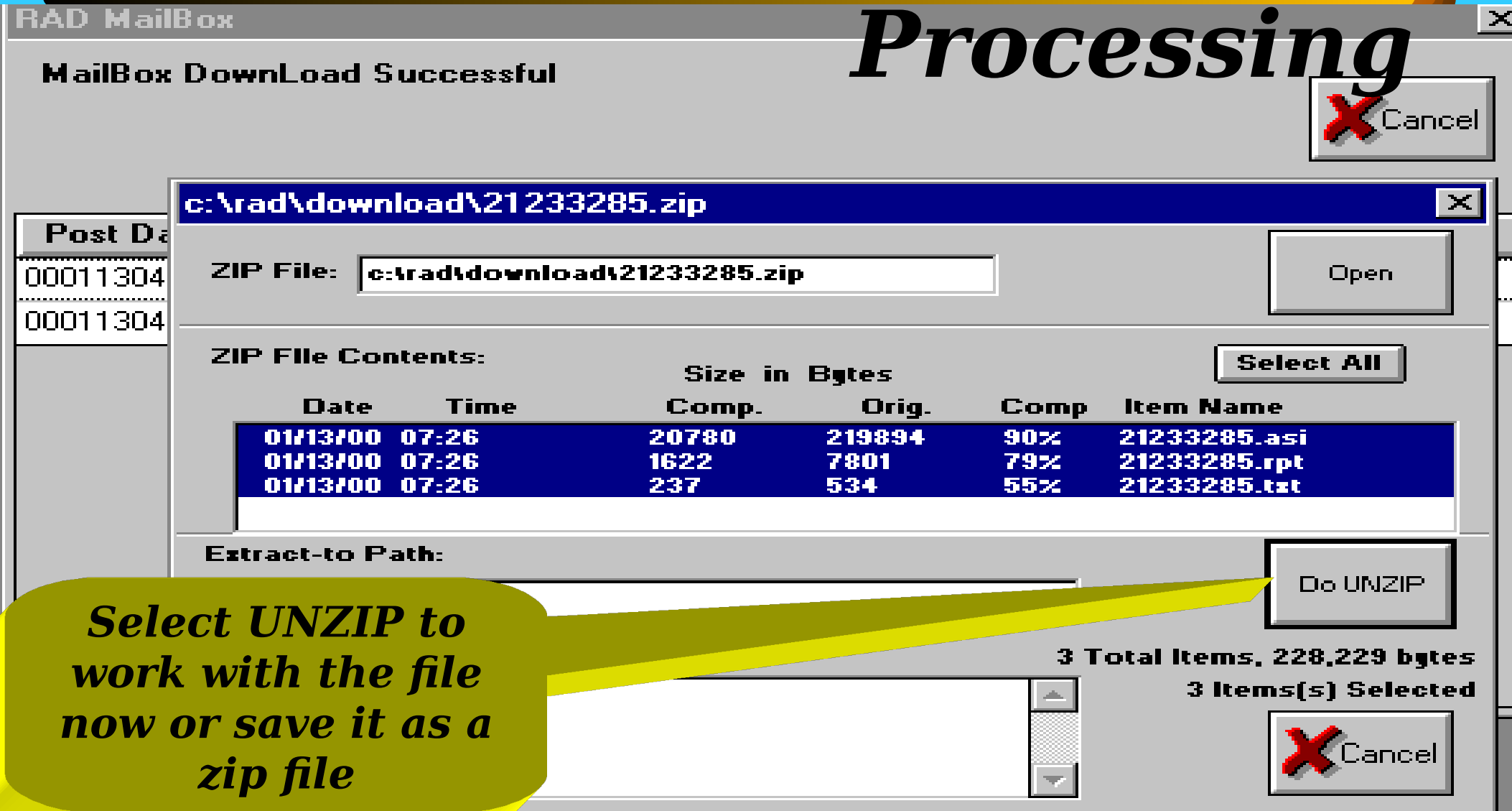


Drawing Down Available ASI Products for Processing

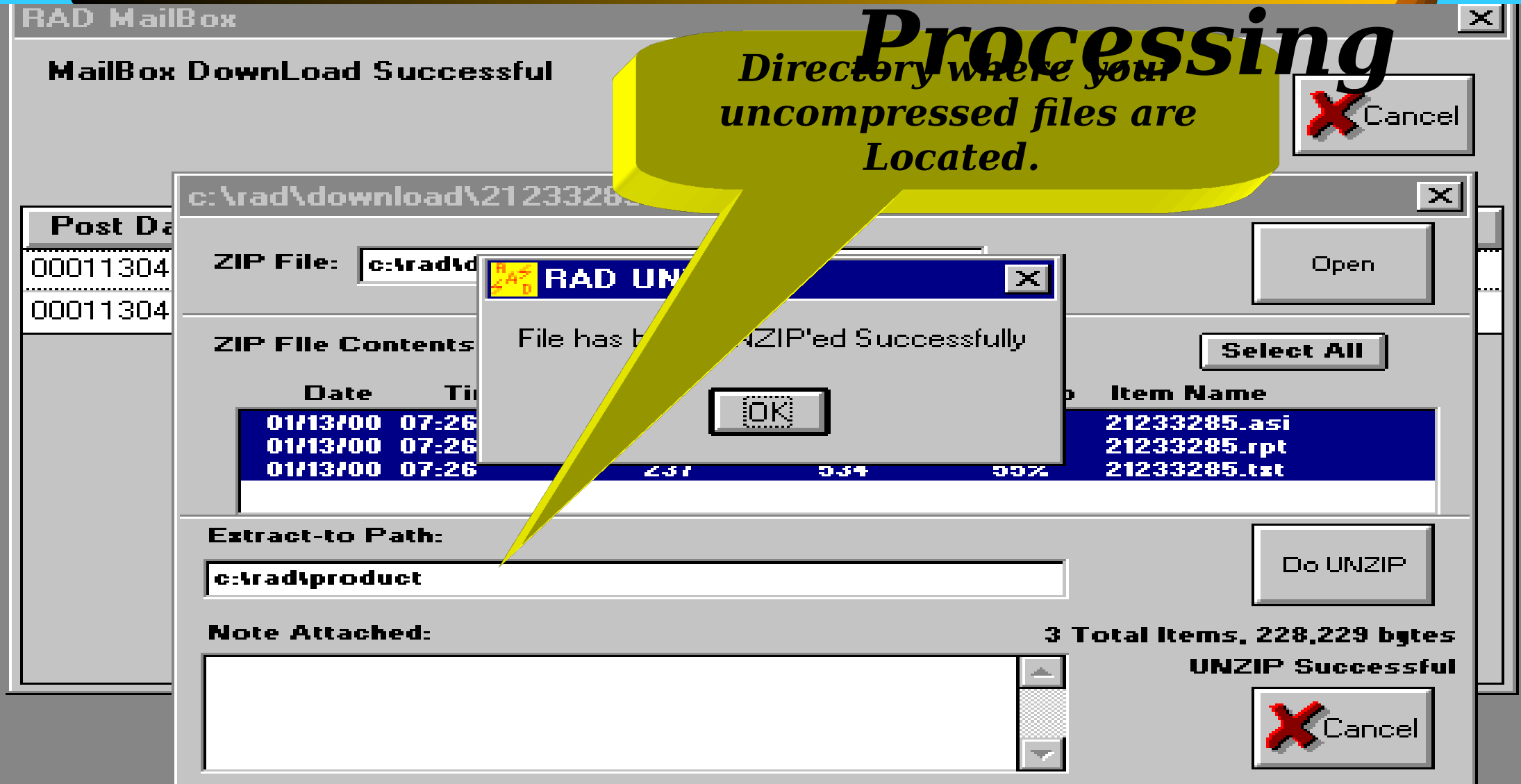

RAD MailBox
Queued Product Record for N0067A / 04
Cancel
Downloading RAD Product ASI-285-R21233
RADMail
File: 21233285.zip has been transfered to your C:\Rad\DOWNLOAD directory.
Do you wish to mark this product delivered and be removed from the RAD Mailbox?
Yes
No

Always Select "No" here to leave the product in your RAD Mailbox until ASI has been successfully processed

Drawing Down Available ASI Products for Processing



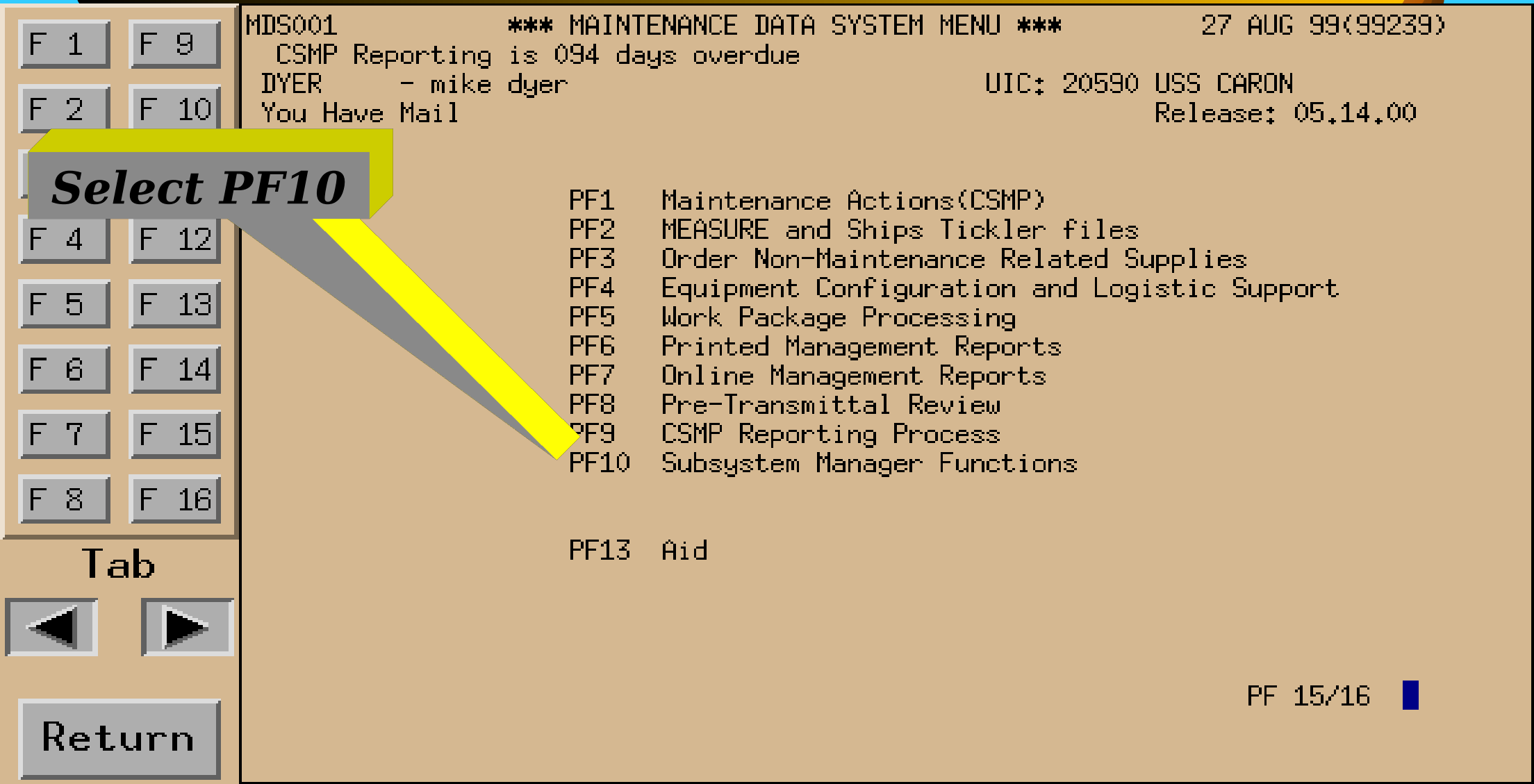
Drawing Down Available ASI Products for Processing



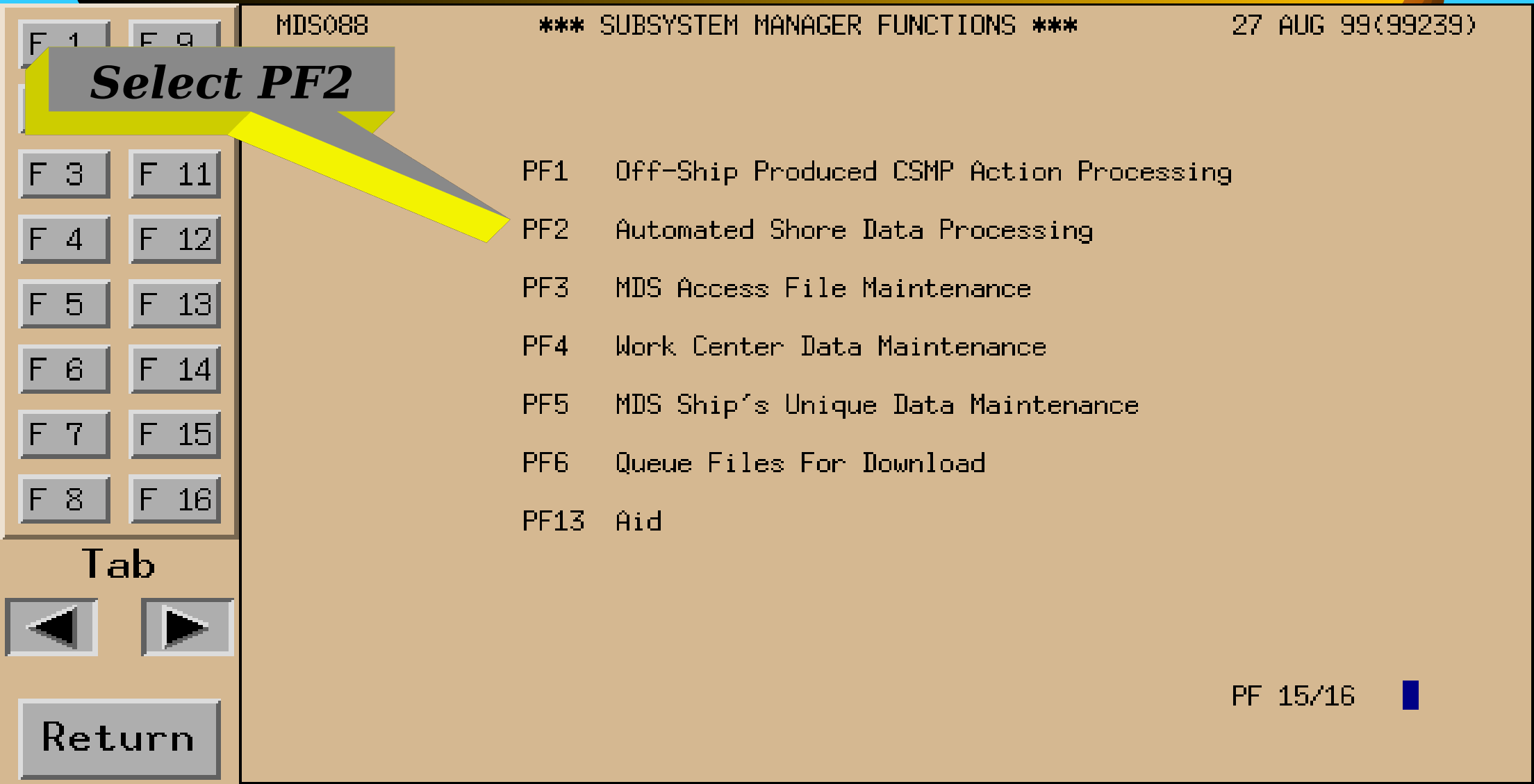
Pre-asi Processing

- Copy the 21233285.ASI file to the c:/ftp directory on your work station
- Rename the 21233285.ASI file to “asi.Txt”

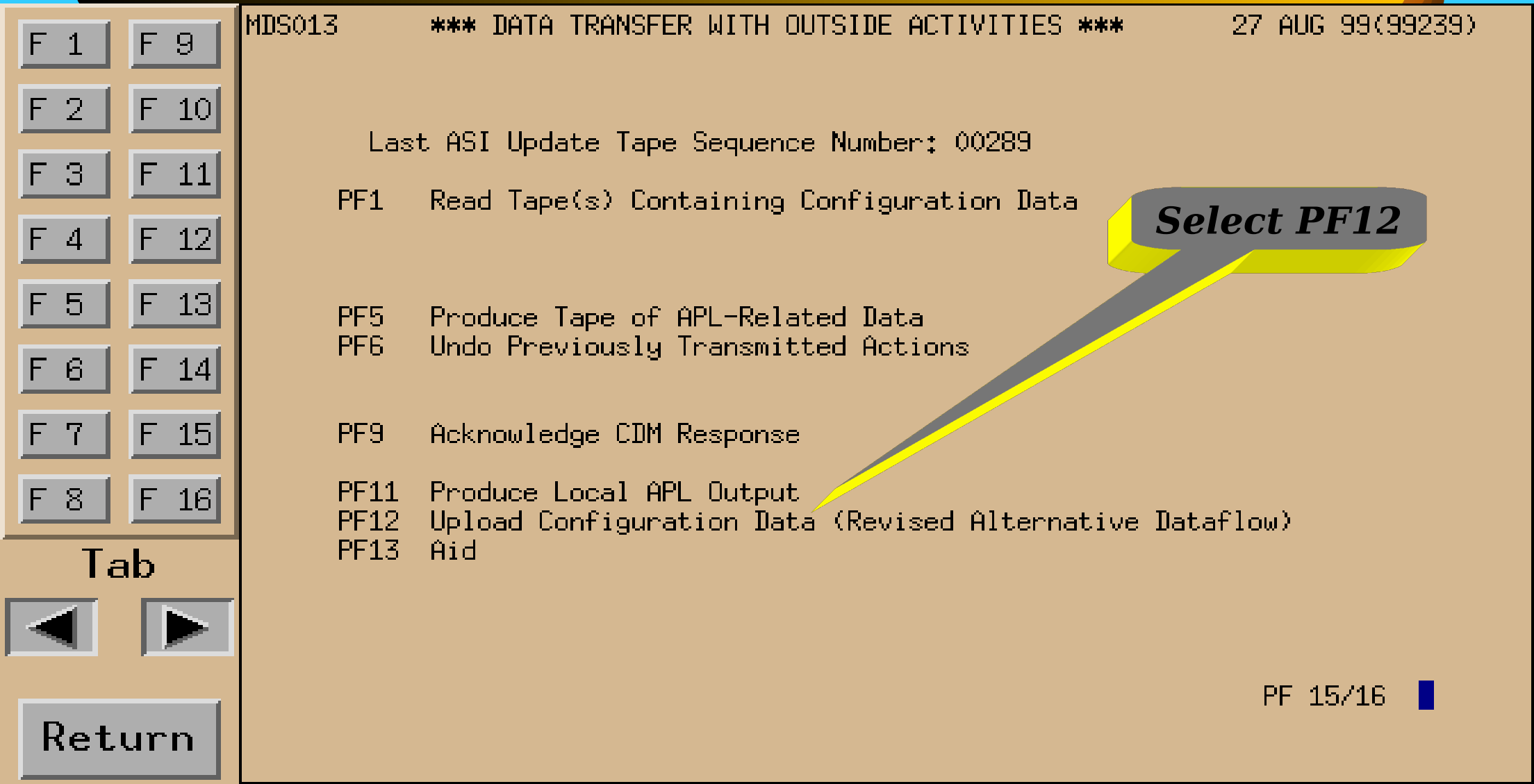
ASI Processing



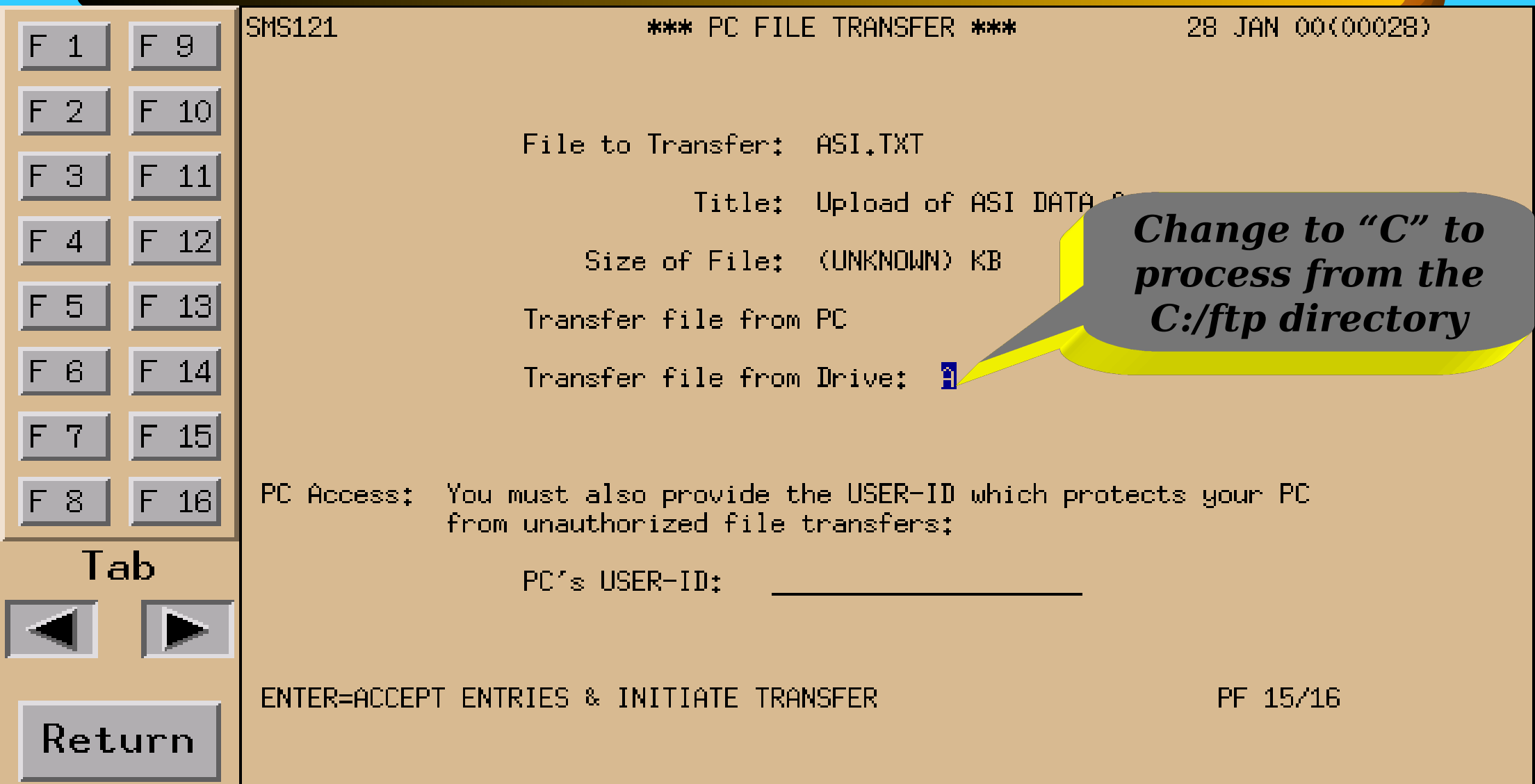
ASI Processing



ASI Processing



ASI Processing



ASI Processing

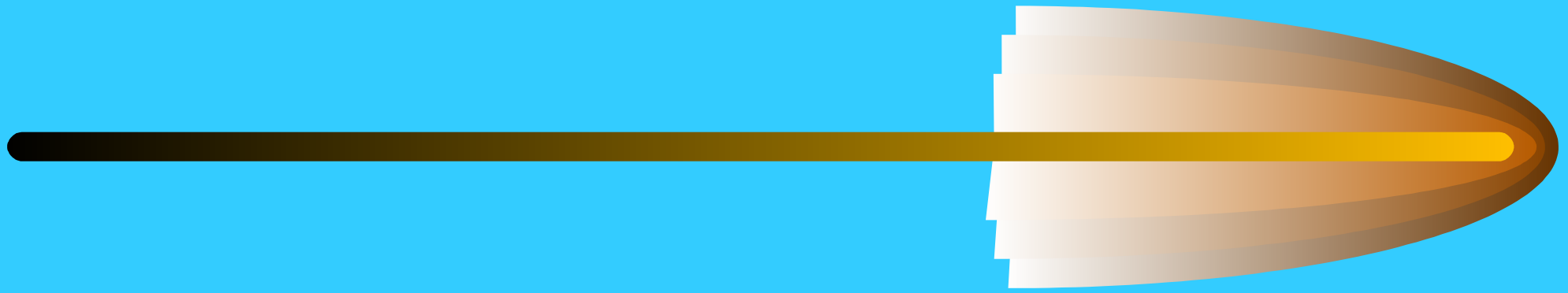
- ASI processing error reports
  - Refer to block #7 of ASI check Off list
- Disposition error reports
  - Download to a file and attach to an e-mail to your CDM

ASI REPORT

ASI Seq: 00275 Activity: USS ALWAYS UNDERWAY UIC: V10000

Prev Seq: 00274 File: 21389275.asi Prepared: 12/23/98 12:41:25

Type	Adds	Chgs	Dels	Total	
A1	033	689	086	808	(Equipment Configuration Records) Type II Records
A2	000	004	004	008	(Alteration Record) Type IV Record
B1-7	256	000	000	256	(APL/AEL header data)
C1	058	000	000	058	(APL/AEL Parts List Data)
D1-7	000	000	000	000	(APL/AEL Replacement Data)
E1	000	000	000	000	(Stock Record Data & Allowances)
F1	000	000	000	000	(Part number cross reference data)
G1	000	000	000	000	(NIIN Changes & Super Sessions)
G2	000	000	000	000	(Part Number Substitutes)
H1	022	000	123	145	(Logistic Support Data)
S1	000	000	000	000	
Total	369	693	213	1275	



Fleet COSAL Feedback Reports

COSAL Feedback Reports

- Communication tool for maintenance personnel
- COMNAVSEASYSCOM message 230432Z march 1995
- Turn to page 5-29 Gold Book

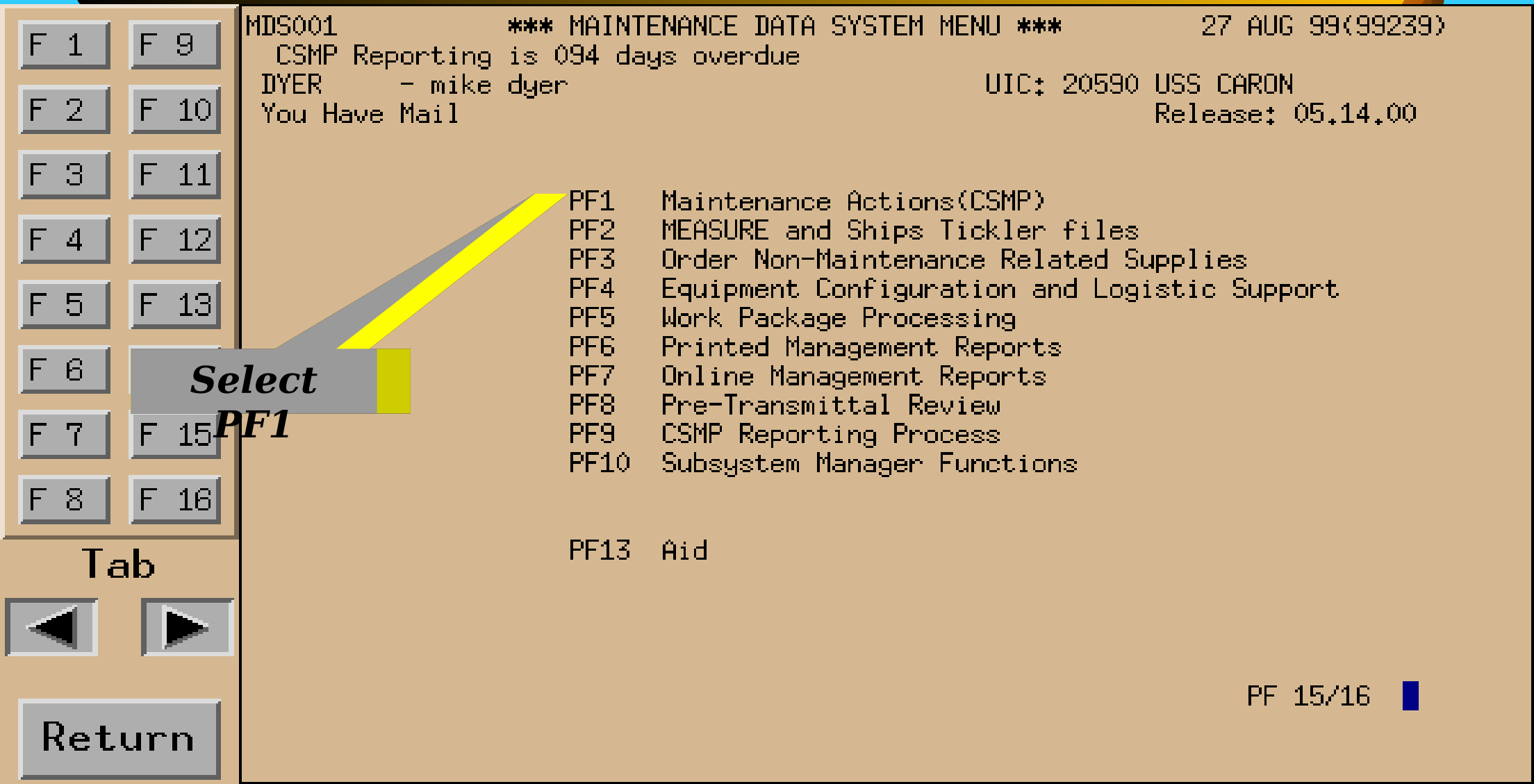
COSAL Feedback Reports

Maintenance Personnel will continue to submit FCFBRs for the following COSAL Problems:

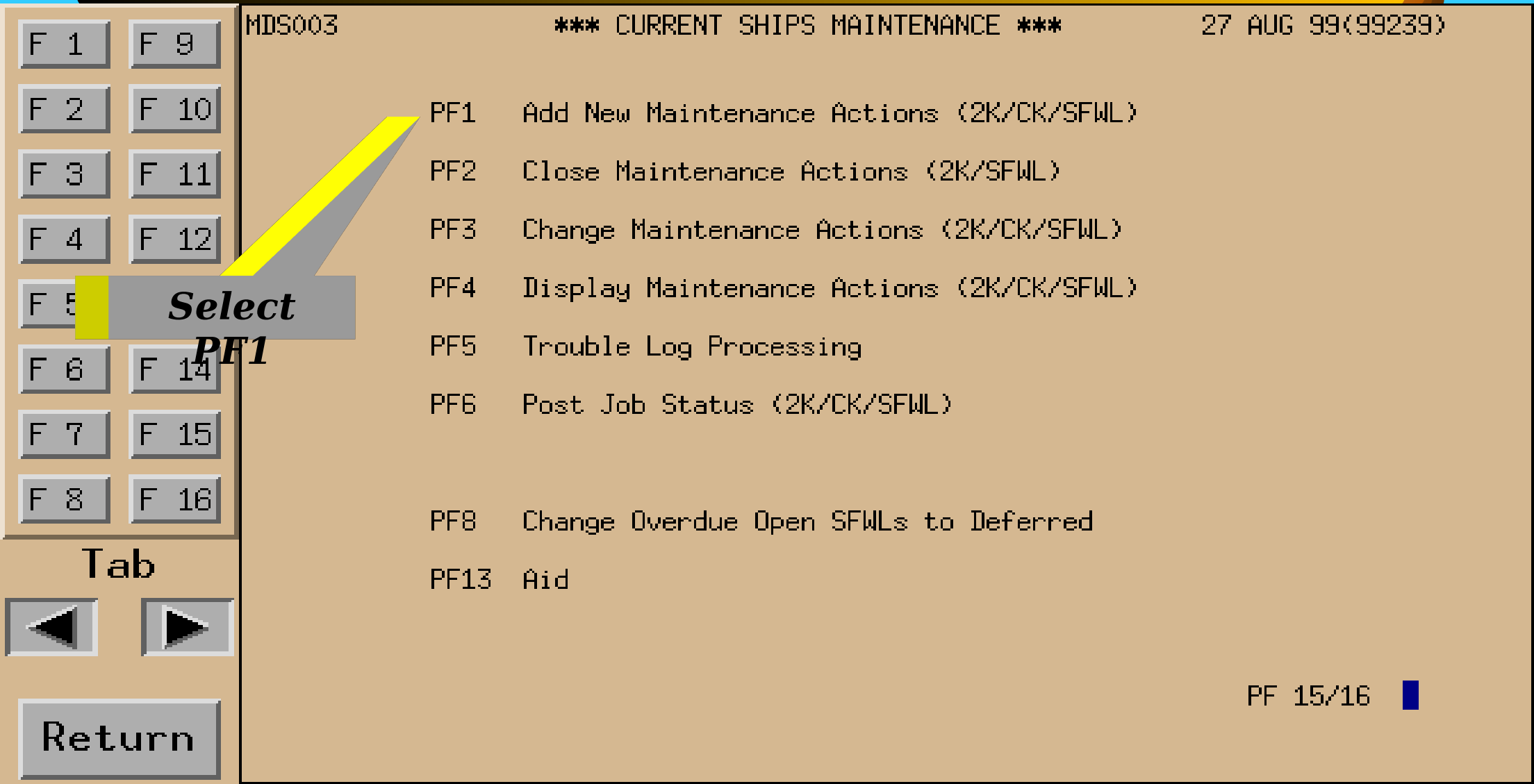
KEY

- ***(S) SM&R CODE CHANGES***
- ***(M) TECHNICAL MANUAL INCONSISTENCIES/QUESTION***
- ***(U) UNIT OF ISSUE/MINIMUM REPLACEMENT UNIT CHANGES***
- ***(P) PLANNED MAINTENANCE SYSTEM (PMS) DEFICIENCIES***
- ***(C) COMPONENT CHARACTERISTICS FILE (DDF) CHANGES APL HEADER***
- ***(D) TECHNICAL DRAWINGS ADDITIONS/QUESTIONS***
- ***(O) OTHER***

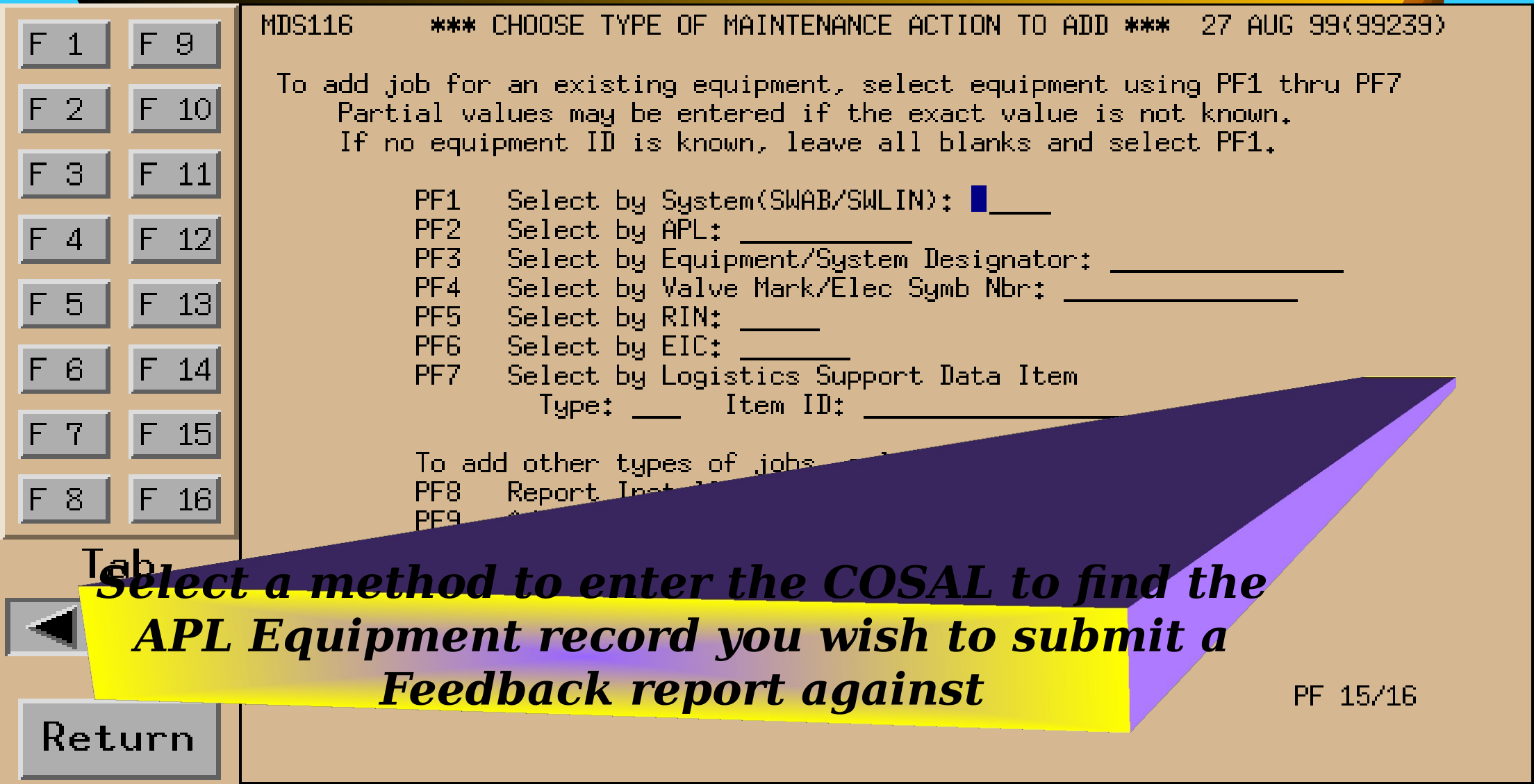
Fleet COSAL Feedback Reports



Fleet COSAL Feedback Reports

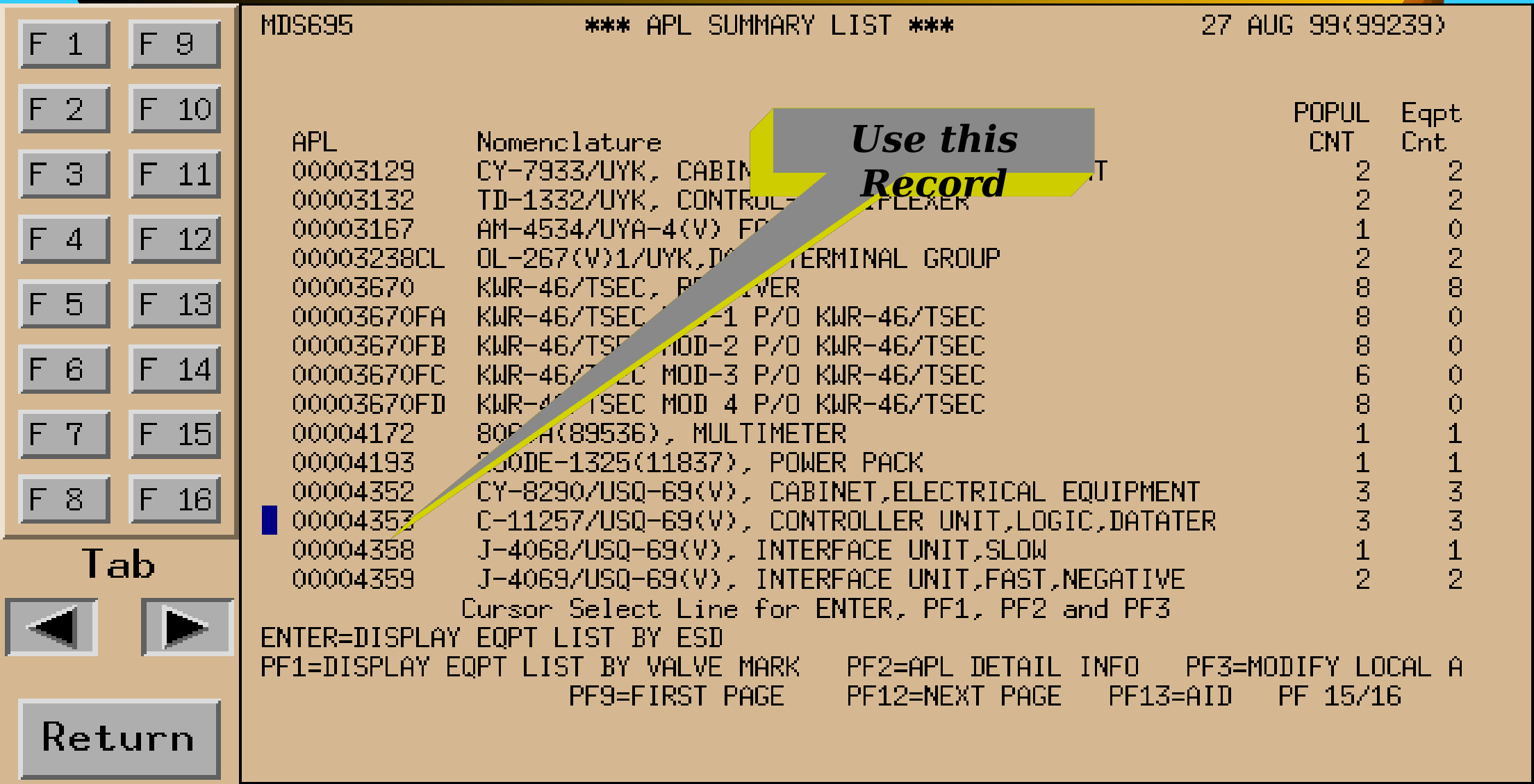


Fleet COSAL Feedback Reports


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS116 *** CHOOSE TYPE OF MAINTENANCE ACTION TO ADD *** 27 AUG 99(99239)
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN):
PF2 Select by APL:
PF3 Select by Equipment/System Designator:
PF4 Select by Valve Mark/Elec Symb Nbr:
PF5 Select by RIN:
PF6 Select by EIC:
PF7 Select by Logistics Support Data Item
Type: Item ID:
To add other types of jobs
PF8 Report
PF 15/16

Select a method to enter the COSAL to find the APL Equipment record you wish to submit a Feedback report against

Fleet COSAL Feedback Reports




```
MDS695                  *** APL SUMMARY LIST ***                  27 AUG 99(99239)


                                                                    POPUL   Eqpt
  APL          Nomenclature                                         CNT     Cnt
  00003129     CY-7933/UYK, CABIN                                T     2       2
  00003132     TD-1332/UYK, CONTROL                              R     2       2
  00003167     AM-4534/UYA-4(V) F                                      1       0
  00003238CL   OL-267(V)1/UYK,D                TERMINAL GROUP         2       2
  00003670     KWR-46/TSEC, R                  VER                    8       8
  00003670FA   KWR-46/TSEC                     -1 P/O KWR-46/TSEC     8       0
  00003670FB   KWR-46/TS                      OD-2 P/O KWR-46/TSEC    8       0
  00003670FC   KWR-46/T                     EC MOD-3 P/O KWR-46/TSEC  6       0
  00003670FD   KWR-4                      TSEC MOD 4 P/O KWR-46/TSEC  8       0
  00004172     80                        A(89536), MULTIMETER         1       1
  00004193     C                        ODE-1325(11837), POWER PACK   1       1
  00004352     CY-8290/USQ-69(V), CABINET,ELECTRICAL EQUIPMENT        3       3
  00004353     C-11257/USQ-69(V), CONTROLLER UNIT,LOGIC,DATATER       3       3
  00004358     J-4068/USQ-69(V), INTERFACE UNIT,SLOW                  1       1
  00004359     J-4069/USQ-69(V), INTERFACE UNIT,FAST,NEGATIVE         2       2
             Cursor Select Line for ENTER, PF1, PF2 and PF3
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK   PF2=APL DETAIL INFO   PF3=MODIFY LOCAL A
                    PF9=FIRST PAGE    PF12=NEXT PAGE   PF13=AID   PF 15/16
```

Fleet COSAL Feedback Reports

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

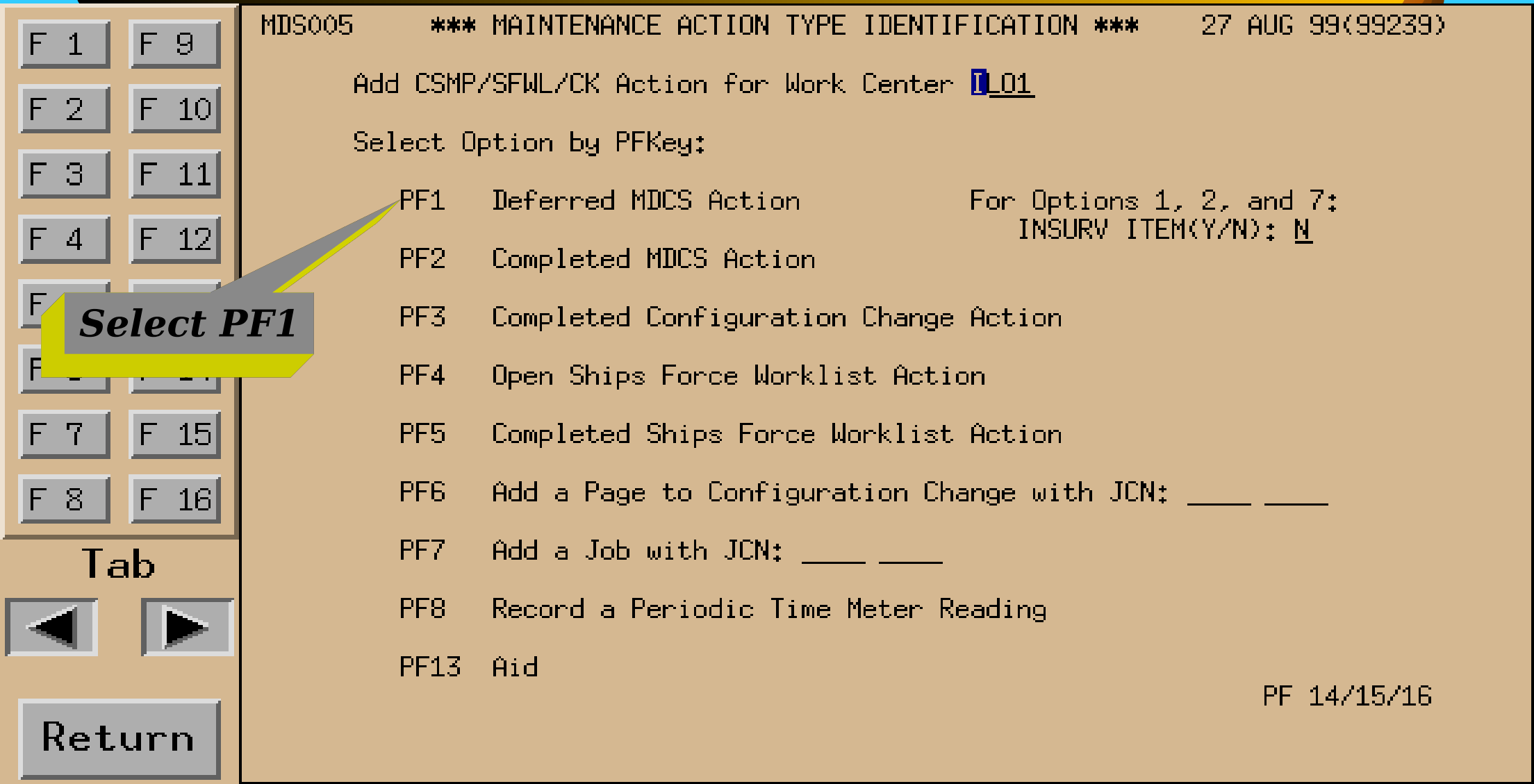
```
MDS697              *** EQUIPMENT SUMMARY LIST ***              27 AUG 99(99239)

APL: 00004353    C-11257/USQ-69(V), CONTROLLER UNIT,LOGIC,DATATER
     ESD                          Location     WC     Serial Number
                             ISC   Functional Description
 MK41 VLS                        5-118-0-C      CSV2    TBA970
                                  G   UNIT 1A1, LOGIC CONTROLLER (LCU-1)
  MK41 VLS                       5-118-0-C      CSV2    TBA970-1
                                  G   UNIT 1A1, LOGIC CONTROLLER (LCU-2)
  NTDS DATA F                    02-139-0-C     CSE2    NONE
                                  G   UNIT 1A1, LOGIC CONTROLLER
```

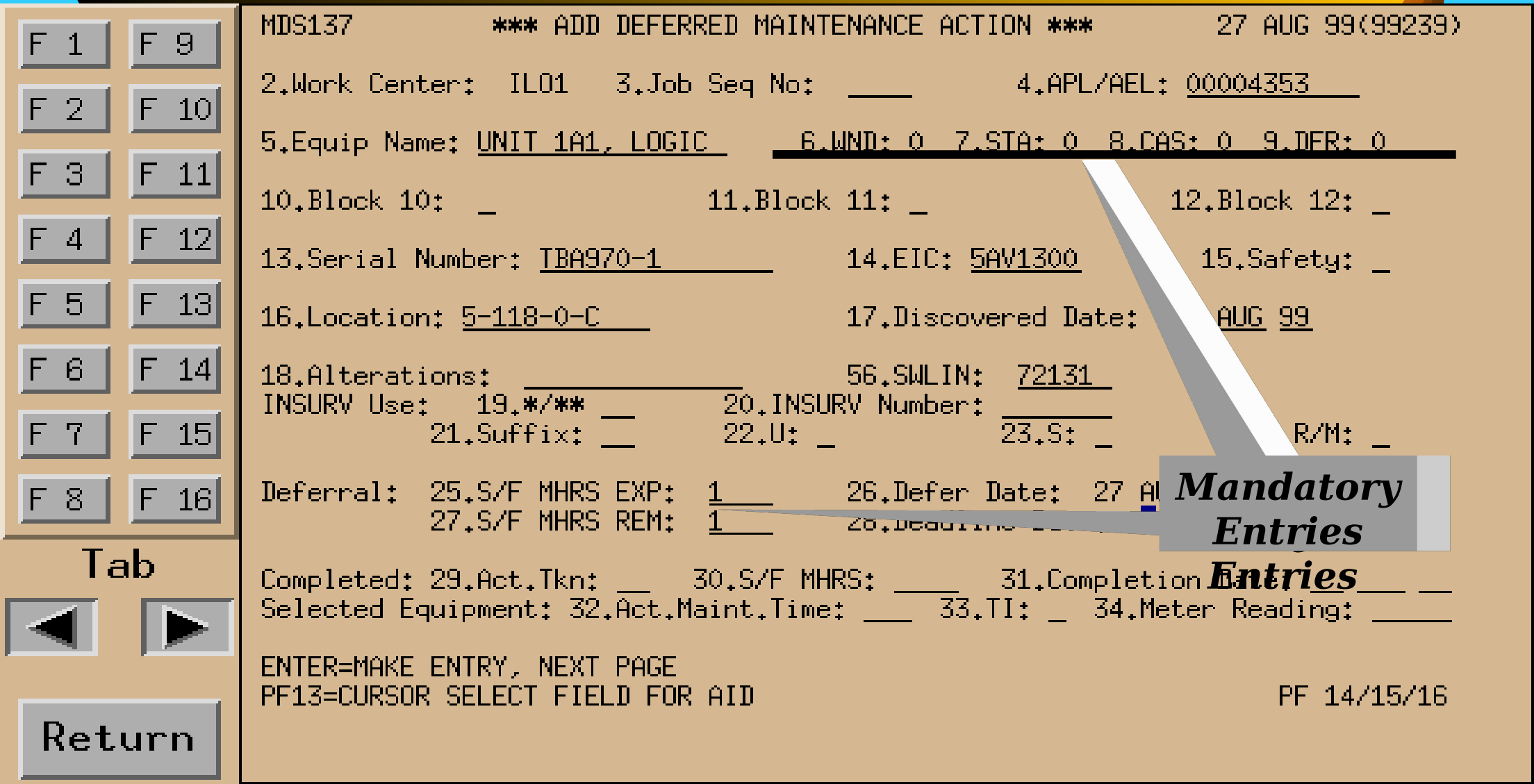
Use this Eqpt Record

```
                    Cursor Select Line for ENTER, PF1 and PF2
ENTER=USE THIS RECORD        PF1=DETAIL EQPT INFO   PF2=REVIEW RELATED INFO
PF4=PREV SCREEN
                                                    PF13=AID   PF 15/16
```

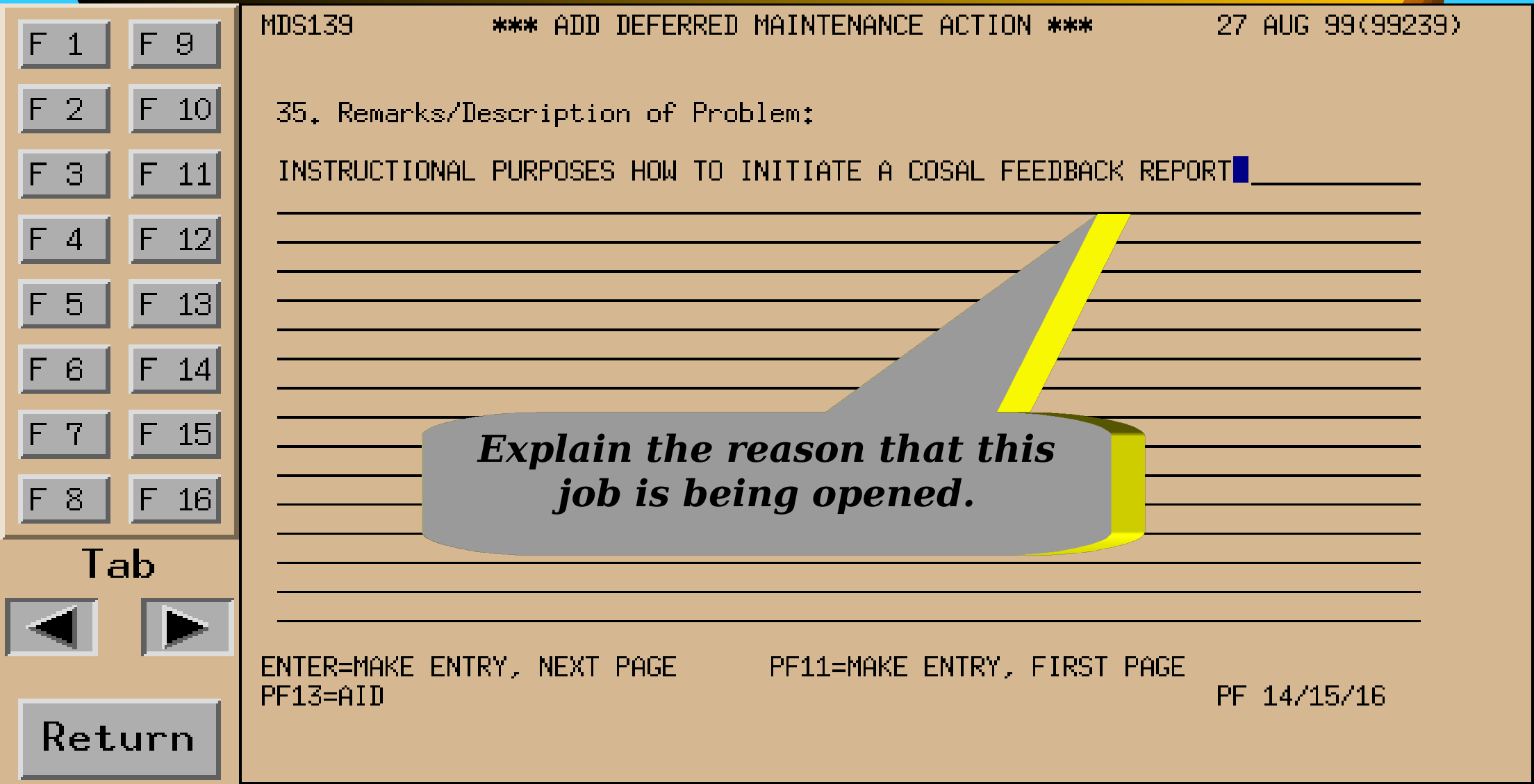
Fleet COSAL Feedback Reports



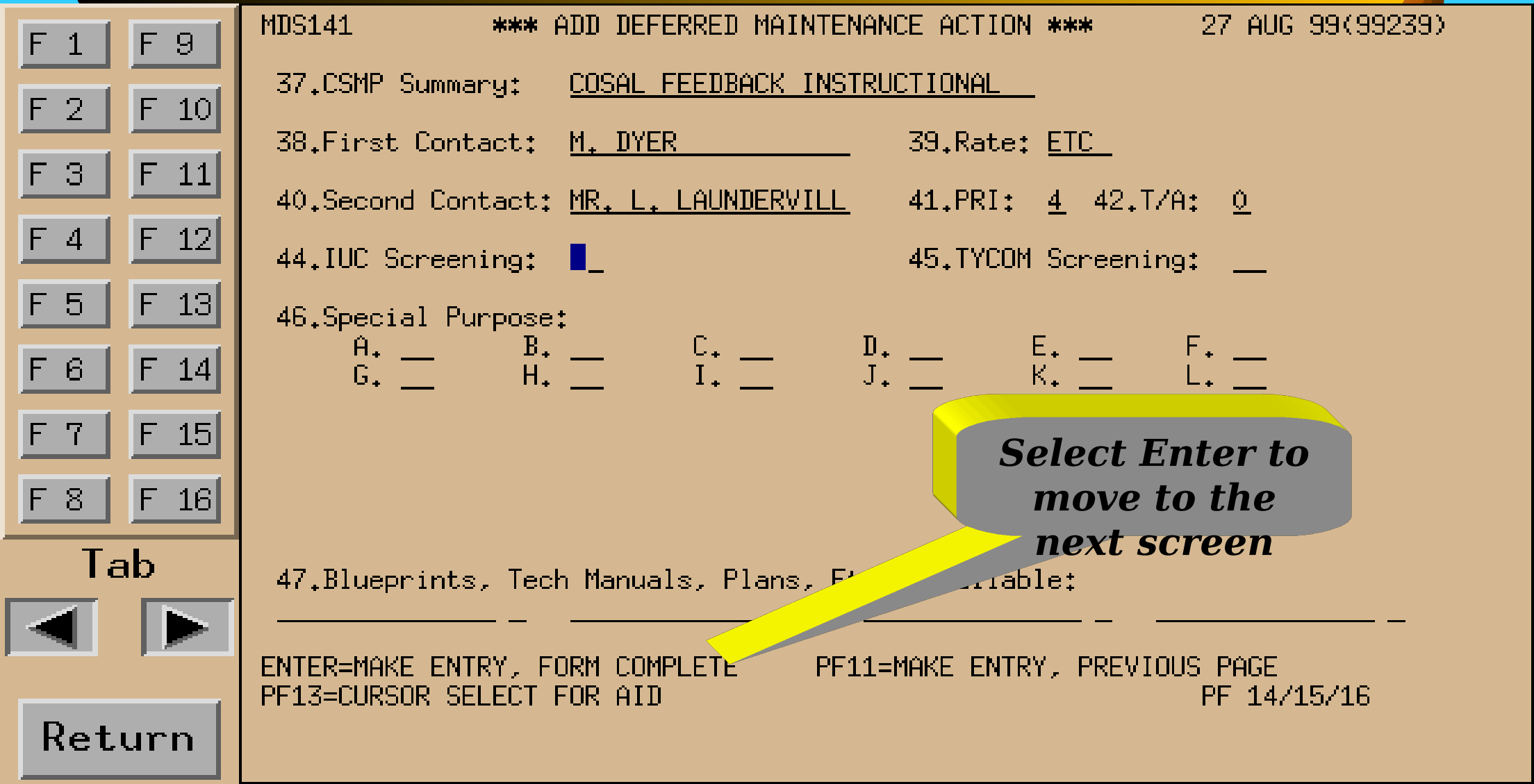
Fleet COSAL Feedback Reports


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS137 *** ADD DEFERRED MAINTENANCE ACTION *** 27 AUG 99(99239)
2.Work Center: ILO1 3.Job Seq No: ____ 4.APL/AEL: 00004353
5.Equip Name: UNIT 1A1, LOGIC 6.WND: 0 7.STA: 0 8.CAS: 0 9.DFR: 0
10.Block 10: _ 11.Block 11: _ 12.Block 12: _
13.Serial Number: TBA970-1 14.EIC: 5AV1300 15.Safety: _
16.Location: 5-118-0-C 17.Discovered Date: AUG 99
18.Alterations: 56.SWLIN: 72131
INSURV Use: 19.*/** __ 20.INSURV Number:
21.Suffix: __ 22.U: _ 23.S: _ R/M: _
Deferral: 25.S/F MHRS EXP: 1 26.Defer Date: 27 A
27.S/F MHRS REM: 1
Completed: 29.Act.Tkn: __ 30.S/F MHRS: ____ 31.Completion
Selected Equipment: 32.Act.Maint.Time: ___ 33.TI: _ 34.Meter Reading:
ENTER=MAKE ENTRY, NEXT PAGE
PF13=CURSOR SELECT FIELD FOR AID
PF 14/15/16
Mandatory Entries
Entries

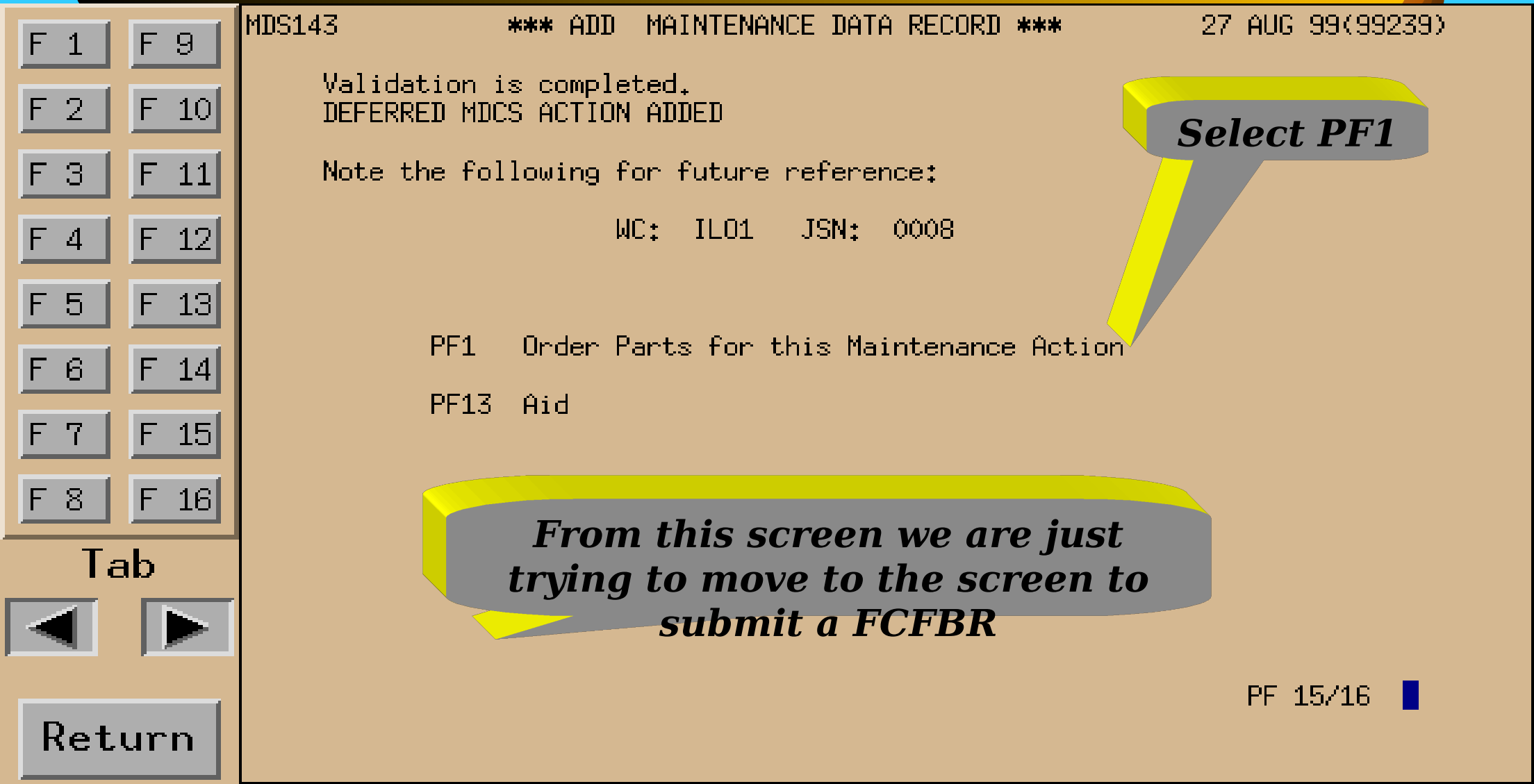
Fleet COSAL Feedback Reports



Fleet COSAL Feedback Reports



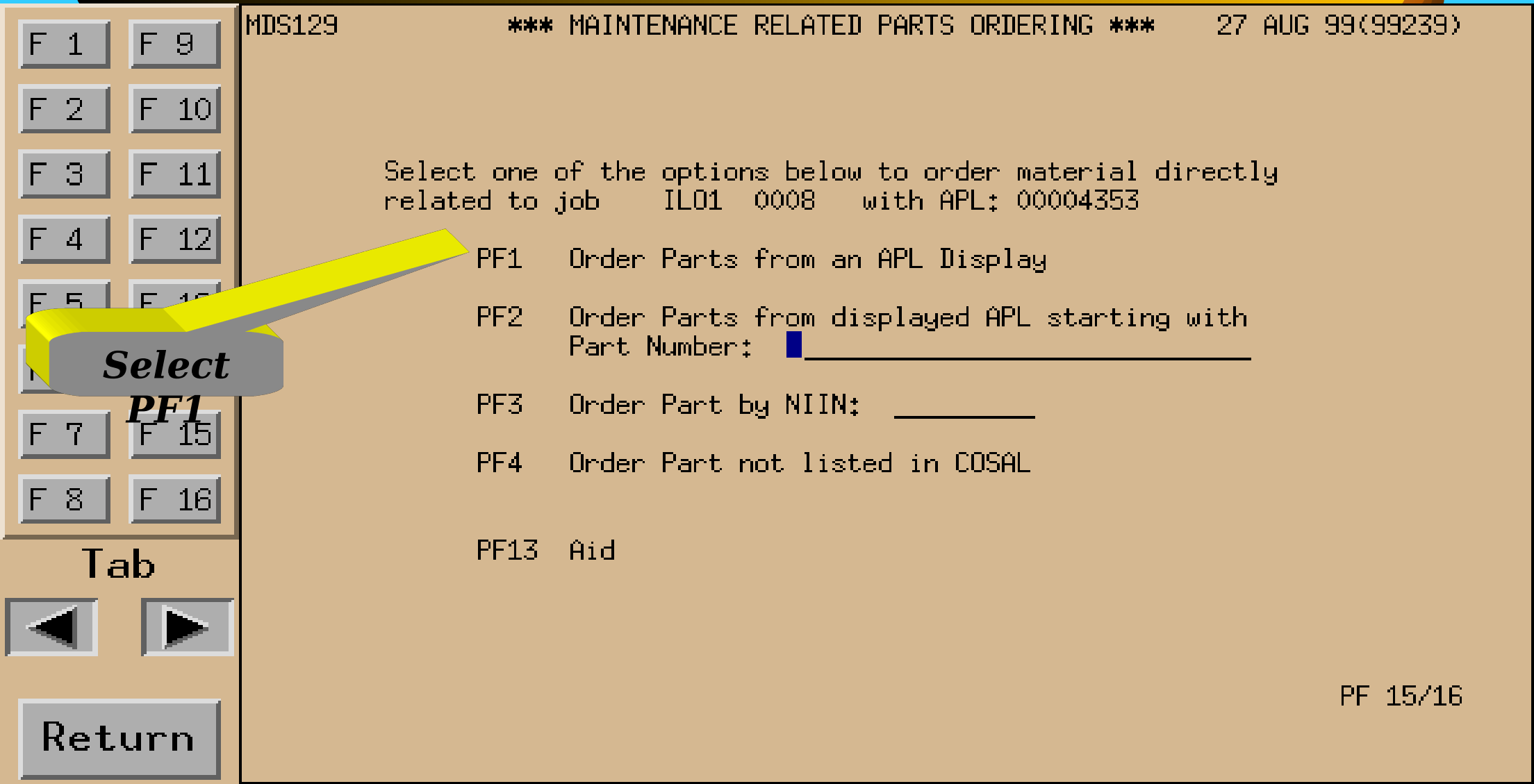
Fleet COSAL Feedback Reports



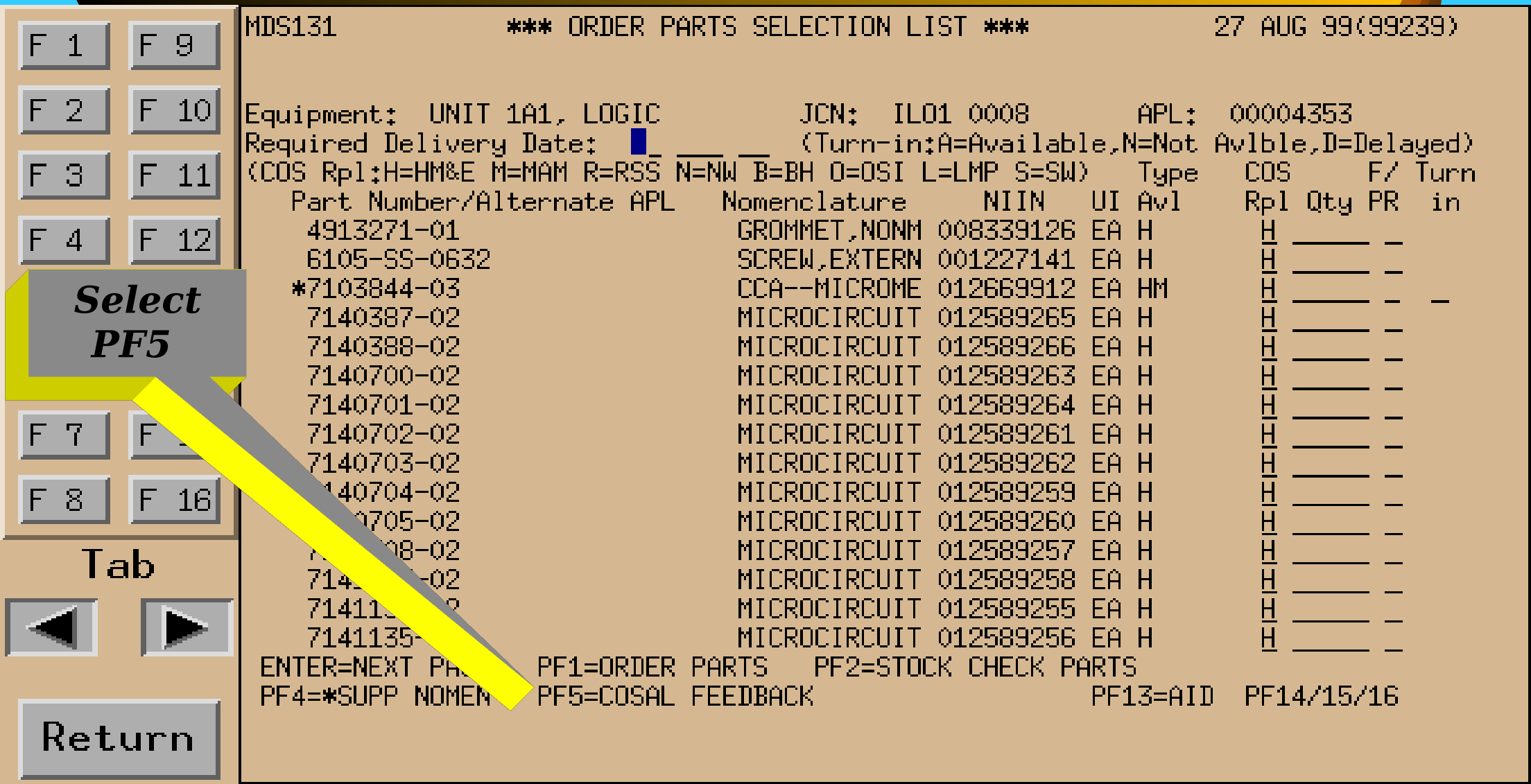
Select PF1

From this screen we are just trying to move to the screen to submit a FCFBR

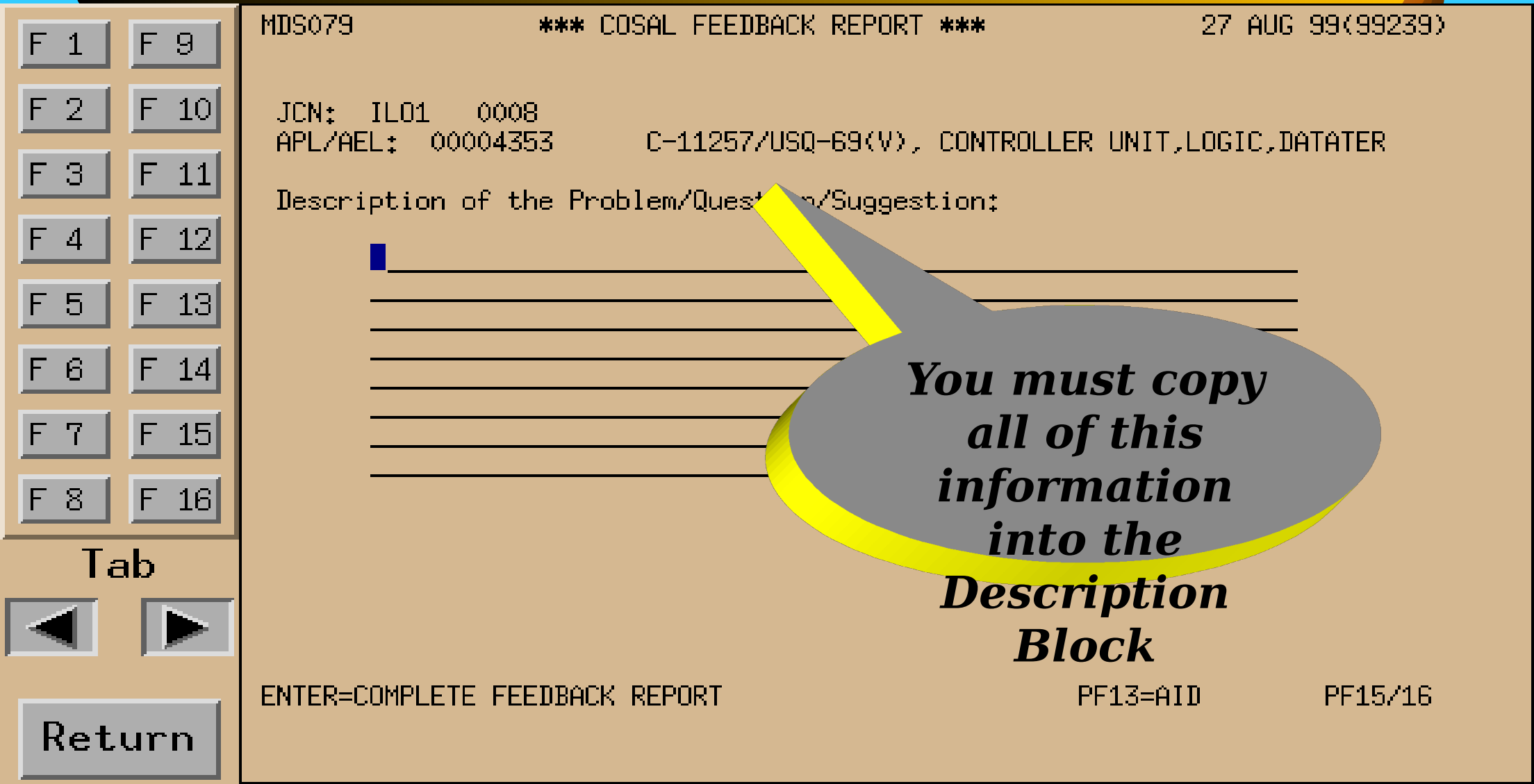
Fleet COSAL Feedback Reports



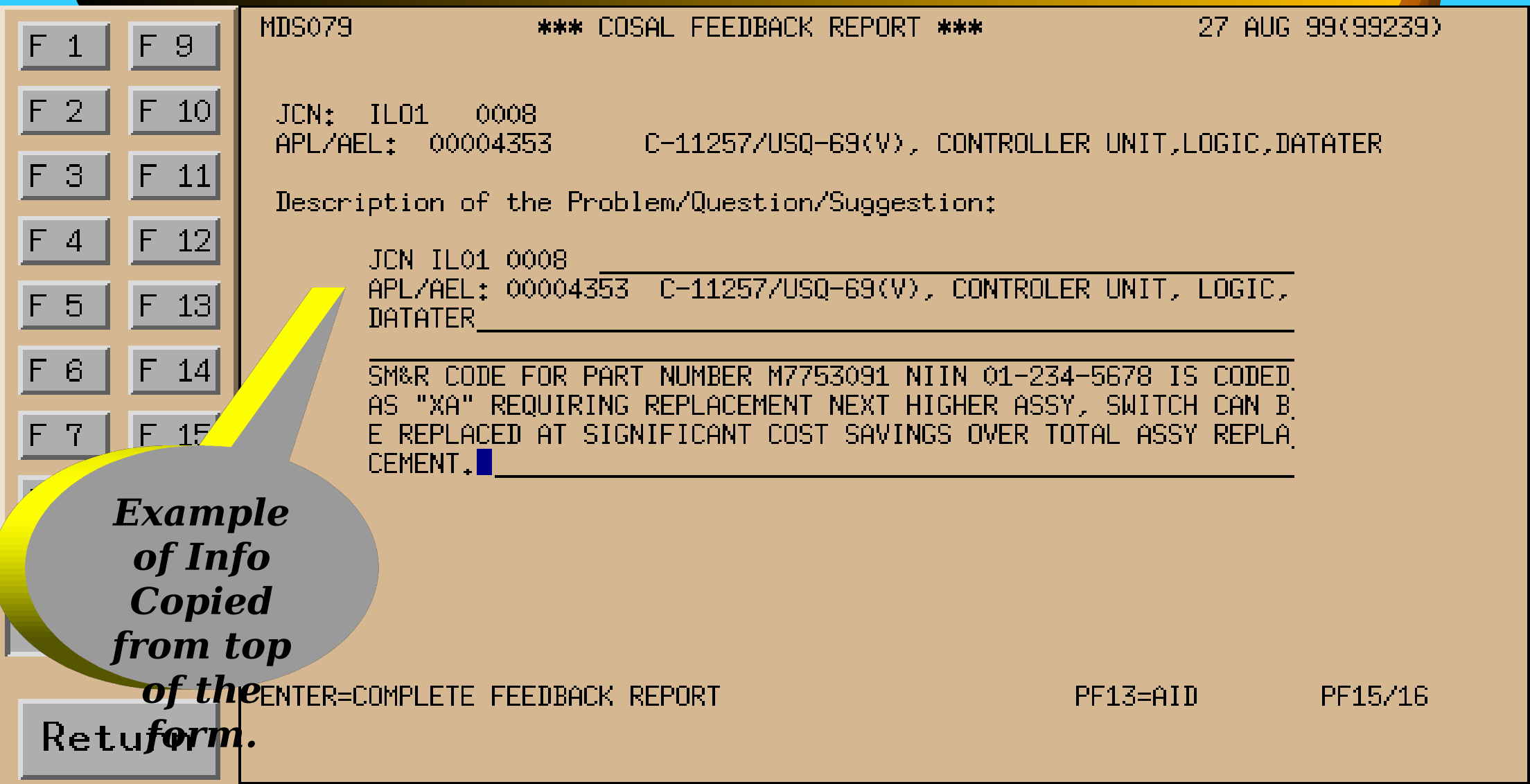
Fleet COSAL Feedback Reports


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 7
F 8
F 16
Tab
Return
Select PF5
MDS131 *** ORDER PARTS SELECTION LIST *** 27 AUG 99(99239)
Equipment: UNIT 1A1, LOGIC JCN: ILO1 0008 APL: 00004353
Required Delivery Date: _ ___ __ (Turn-in:A=Available,N=Not Avlble,D=Delayed)
(COS Rpl:H=HM&E M=MAM R=RSS N=NW B=BH O=OSI L=LMP S=SW)
Part Number/Alternate APL Nomenclature NIIN UI Type Avl COS Rpl F/ PR Qty Turn in
4913271-01 GROMMET,NONM 008339126 EA H H _____ _
6105-SS-0632 SCREW,EXTERN 001227141 EA H H _____ _
*7103844-03 CCA--MICROME 012669912 EA HM H _____ _ _
7140387-02 MICROCIRCUIT 012589265 EA H H _____ _
7140388-02 MICROCIRCUIT 012589266 EA H H _____ _
7140700-02 MICROCIRCUIT 012589263 EA H H _____ _
7140701-02 MICROCIRCUIT 012589264 EA H H _____ _
7140702-02 MICROCIRCUIT 012589261 EA H H _____ _
7140703-02 MICROCIRCUIT 012589262 EA H H _____ _
MICROCIRCUIT 012589259 EA H H _____ _
MICROCIRCUIT 012589260 EA H H _____ _
MICROCIRCUIT 012589257 EA H H _____ _
MICROCIRCUIT 012589258 EA H H _____ _
MICROCIRCUIT 012589255 EA H H _____ _
7141135- MICROCIRCUIT 012589256 EA H H _____ _
ENTER=NEXT PA PF1=ORDER PARTS PF2=STOCK CHECK PARTS
PF4=*SUPP NOMEN PF5=COSAL FEEDBACK PF13=AID PF14/15/16

Fleet COSAL Feedback Reports

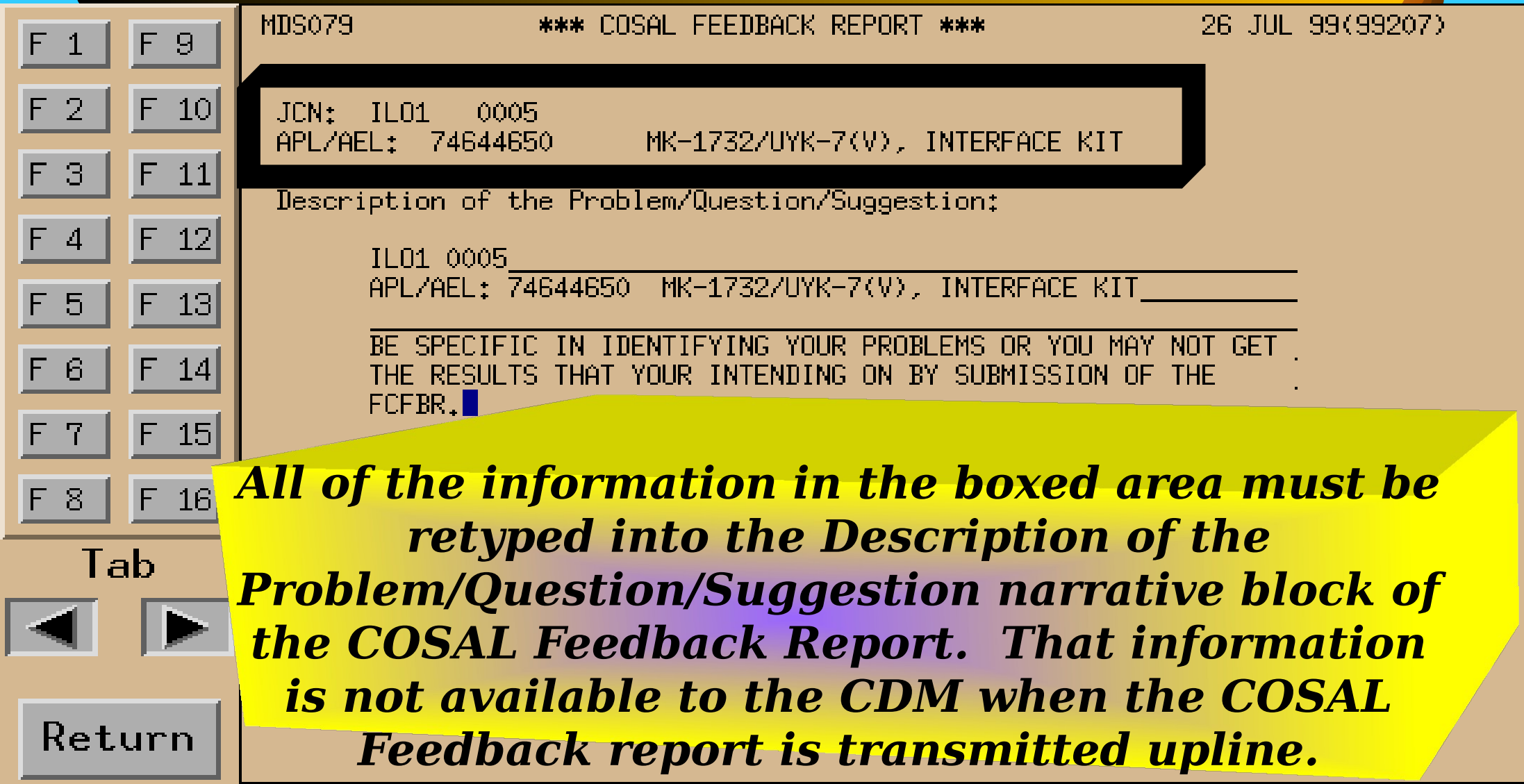


Fleet COSAL Feedback Reports



Example of Info Copied from top of the form.

Fleet COSAL Feedback Reports



All of the information in the boxed area must be retyped into the Description of the Problem/Question/Suggestion narrative block of the COSAL Feedback Report. That information is not available to the CDM when the COSAL Feedback report is transmitted upline.

SPCCINST 4441.170a
“Gold Book”



What’s left

SPCCINST 4441.170 “Gold Book” Chapters 6 Thru App “C”

- Requisition outfitting requirements
- SCLSIS system
- COSAL support of aeronautical equipment
- Q COSAL
- Equipment component support criteria
- APL worthiness rules (COTS/CANDI)
- Appendix “C”

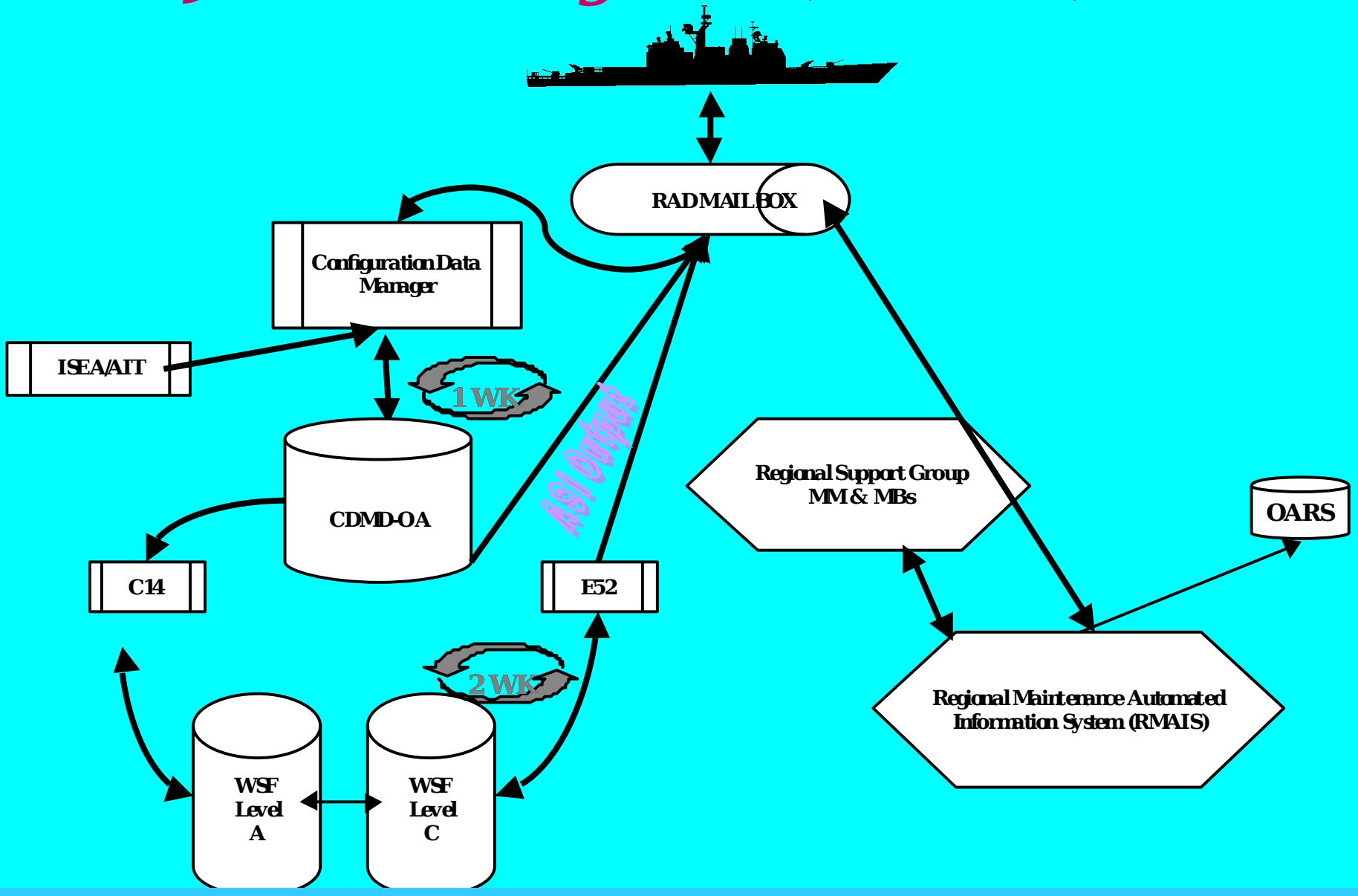
Requisition Outfitting Requirements

- Outfitting requisitions
  - Valid
  - Invalid
- Maintenance assistance modules (MAMs)
- Interim repair parts (IRPS)
- Cots/CANDI

Ships Configuration & Logistics Support Information System (SCLSIS)

- Purpose
- Responsibilities
  - Naval sea systems command (NAVSEA)
  - Configuration data managers (CDMs)
  - Navy inventory control point (NAVICP)
  - Fleet & type commanders
  - Ships force

Ships Configuration & Logistics Support Information System (SCLSIS)



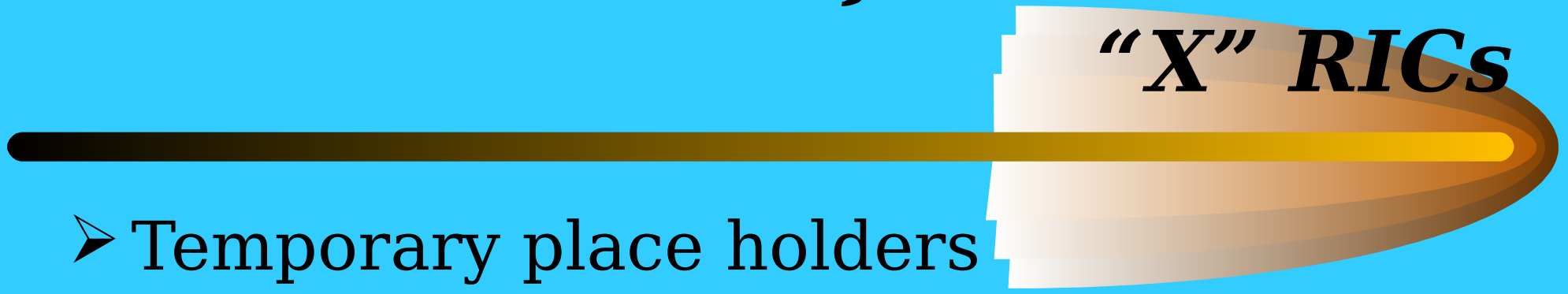
COSAL Support of Aeronautical Equipment

- Managed by NAVICP Philadelphia includes:
  - Aircraft launch & recovery equipments
  - Visual & optical landing aids
  - Photographic equipment
  - Meteorological equipment
  - Selected communications equipment

“Q” COSAL

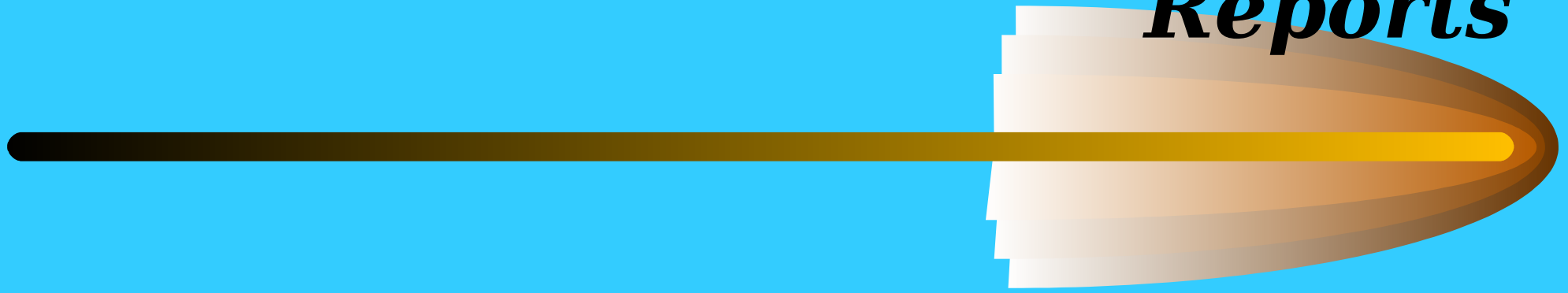
- Supports naval reactor plant (NRP) applications
- Authority OPNAVINST 4441.12 series
- “Q” COSAL not a technical document
- Managed by NAVICP-M (code 87)

Record Identification Codes
"X" RICs

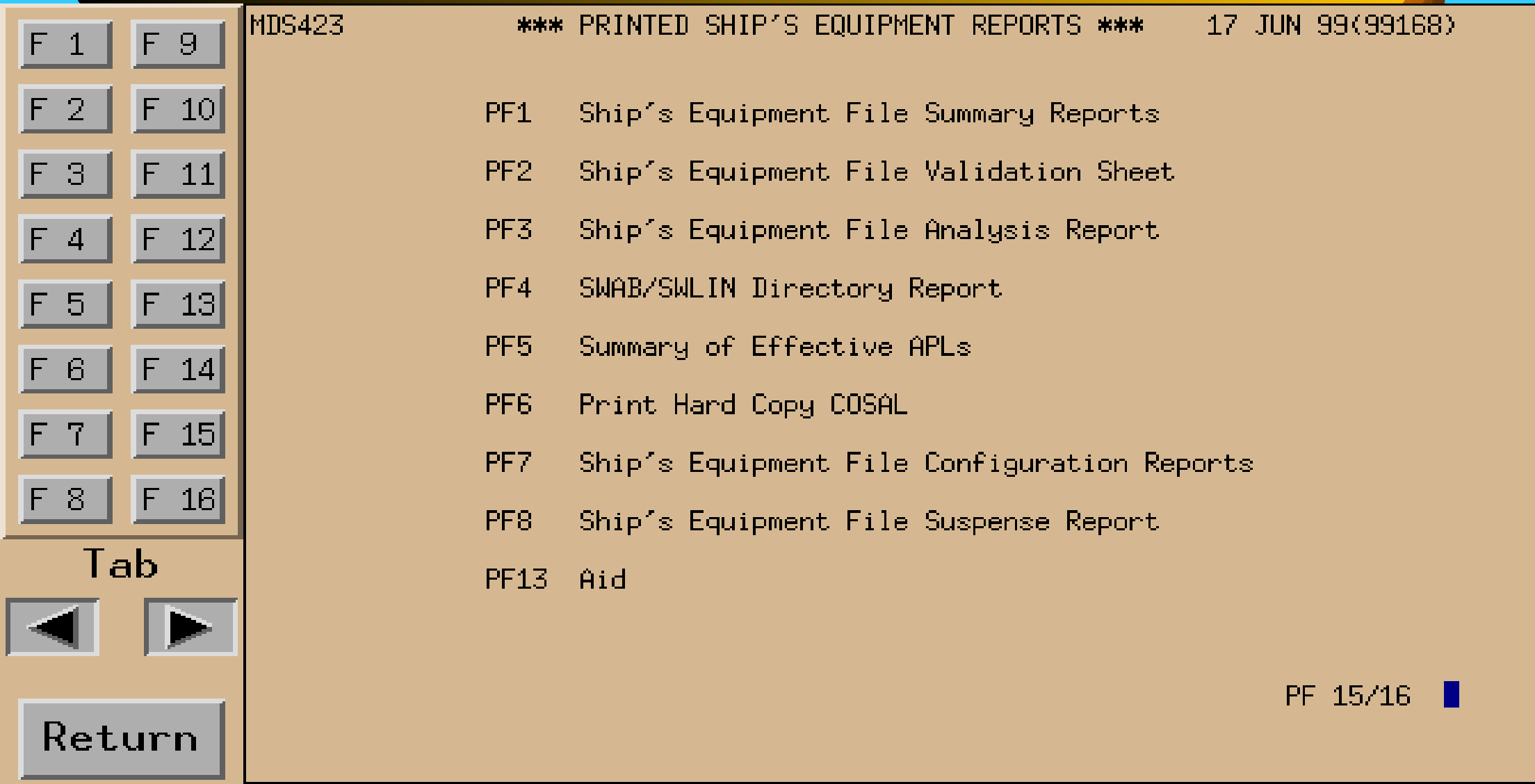


- Temporary place holders
  - Much like bald APLs
    - Awaiting the assignment of APL
  - X-RIC systems APLs
    - Never open jobs against X-RIC systems APL "except for general maintenance
  - Tanks & voids
    - Never open jobs against X-RIC tanks & voids "except for general maintenance

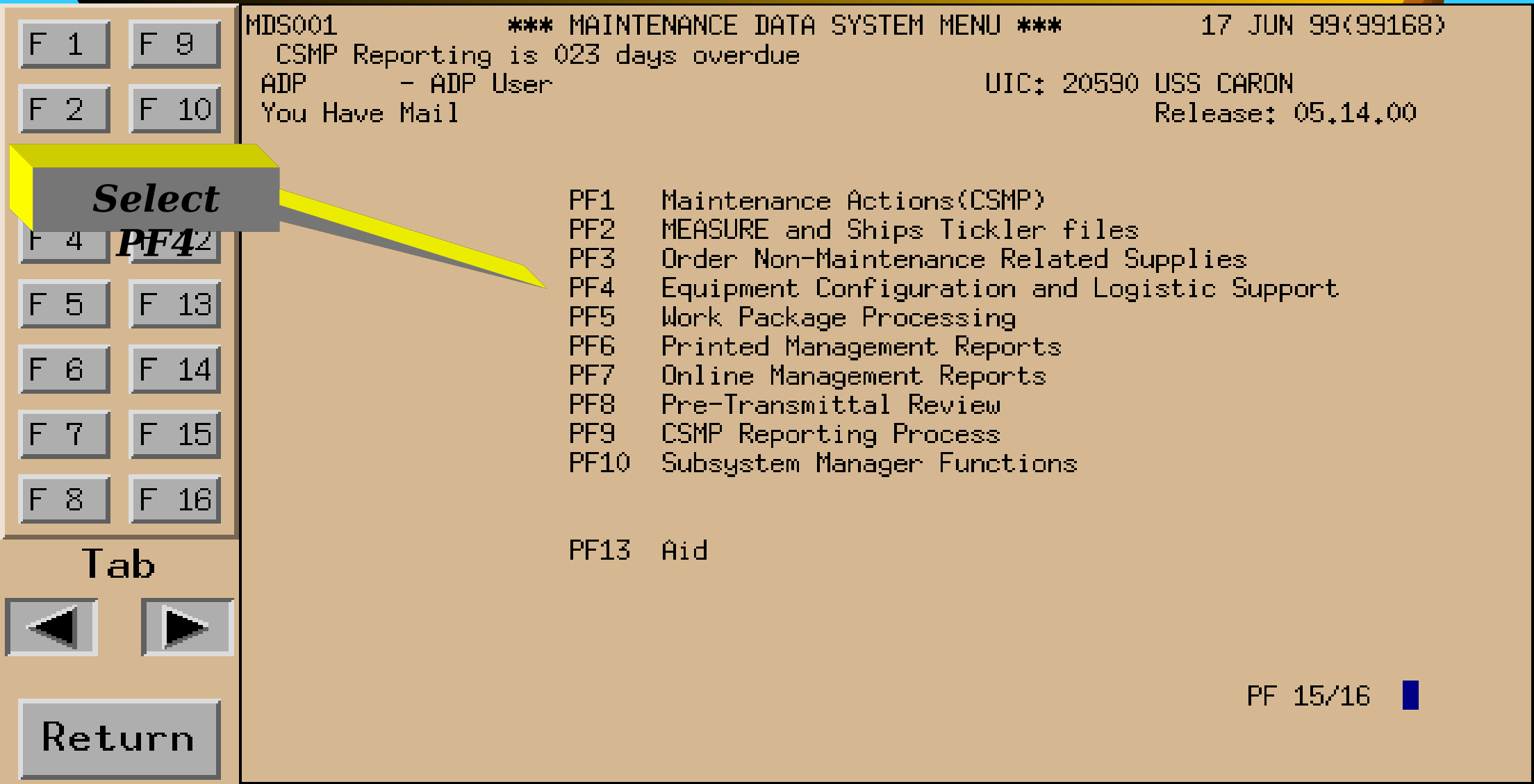
Key Ship's Equipment Reports



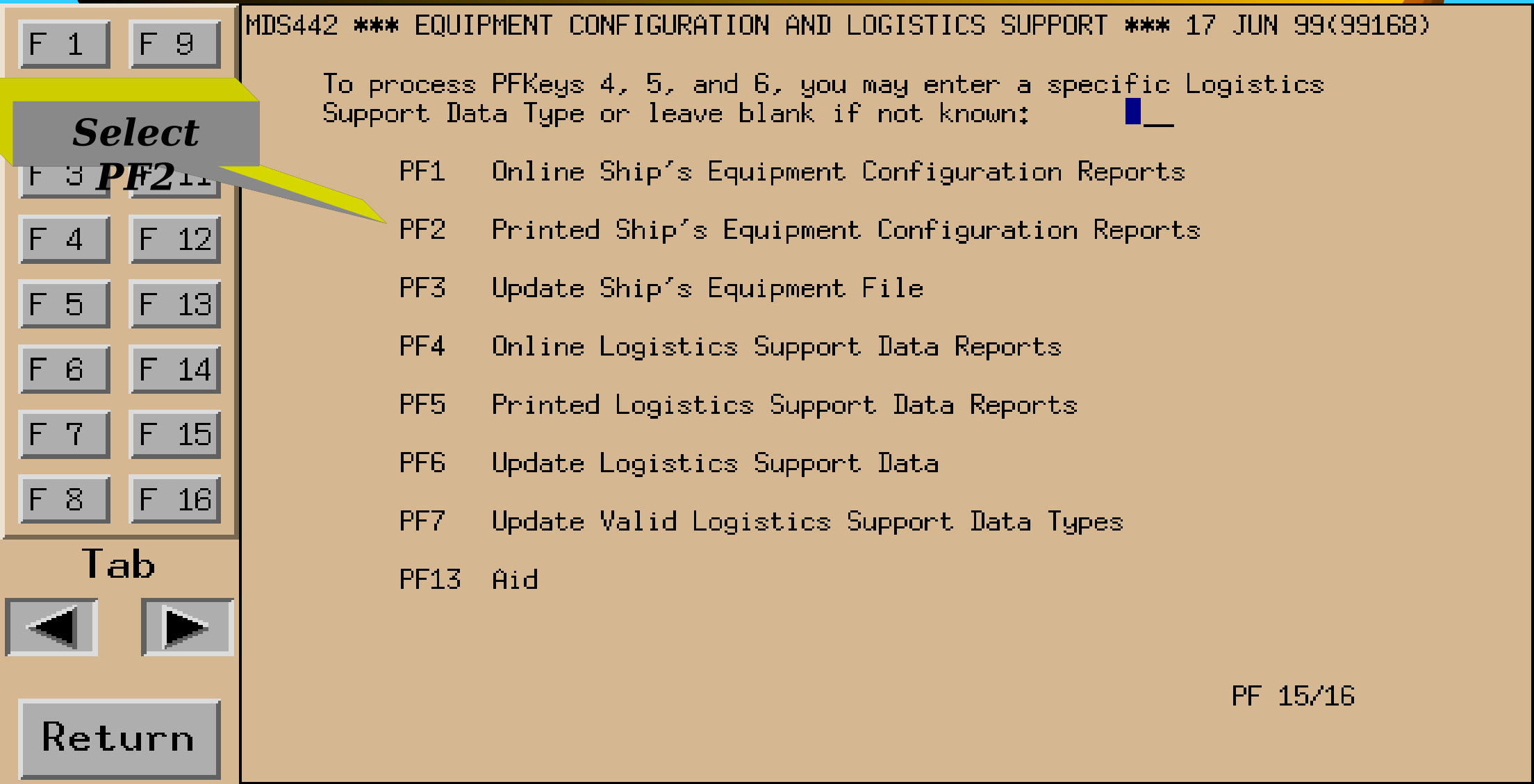
Key Ship's Equipment Reports



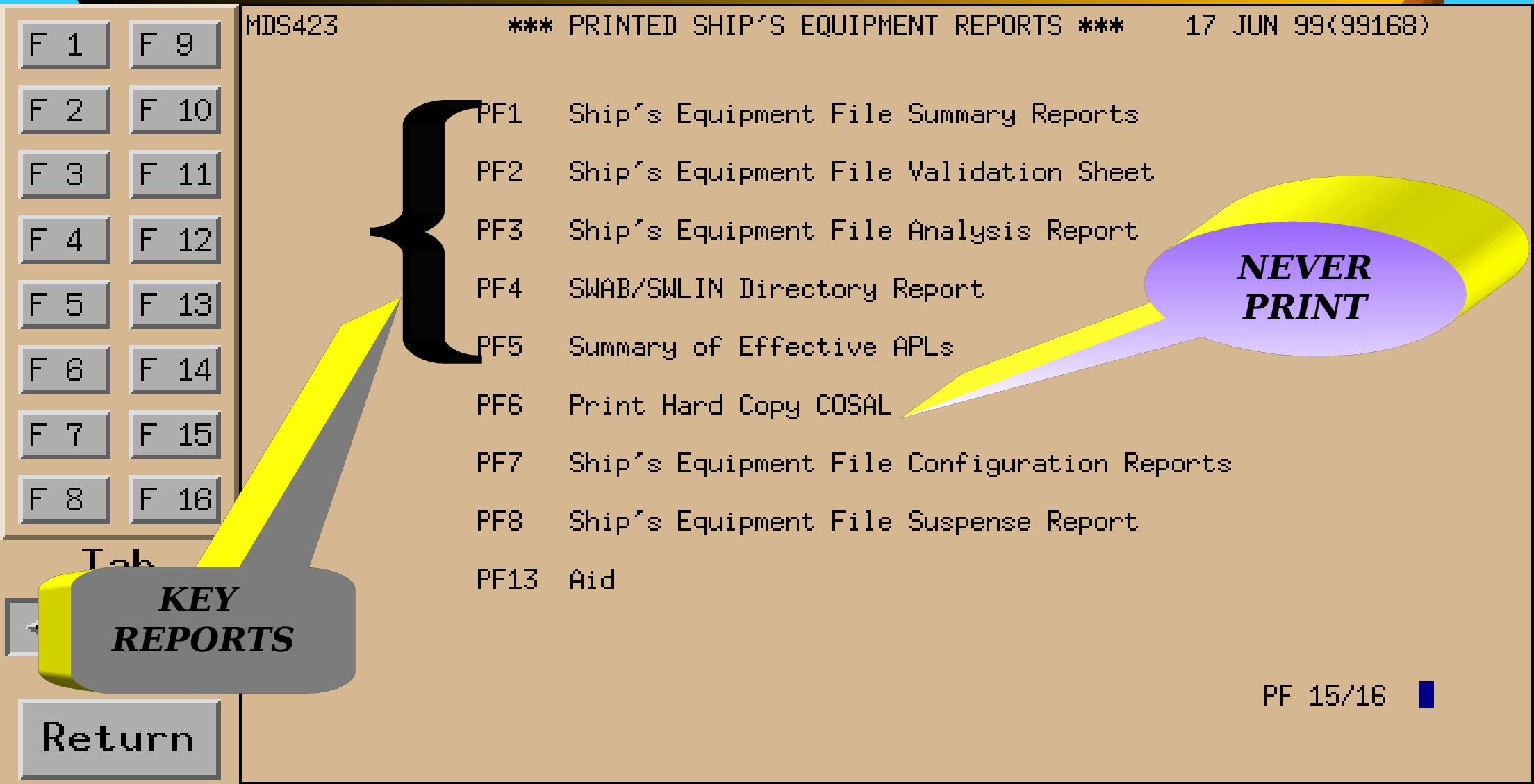
Key Ship's Equipment Reports



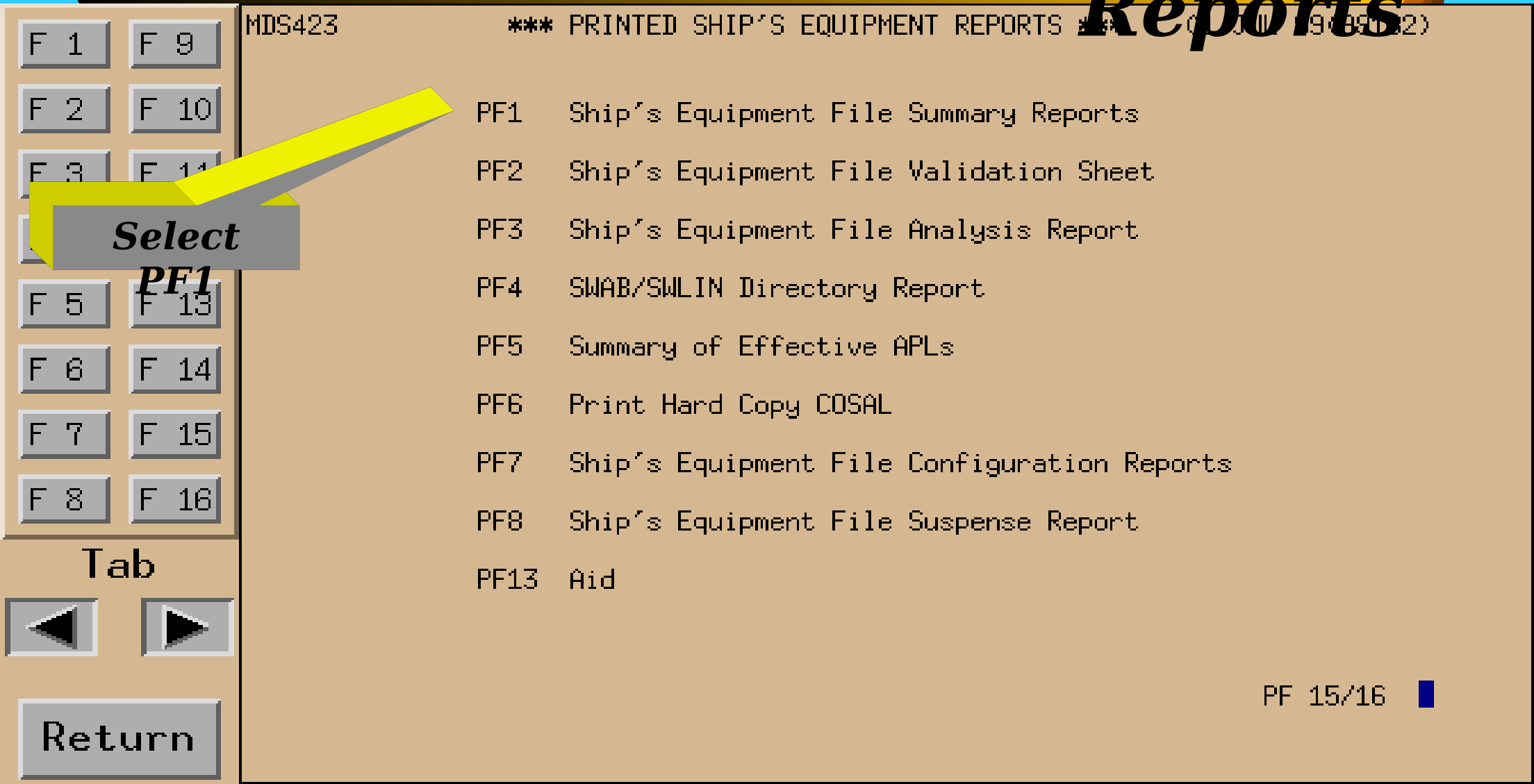
Key Ship's Equipment Reports


F 1
F 9
Select PF2
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS442 *** EQUIPMENT CONFIGURATION AND LOGISTICS SUPPORT *** 17 JUN 99(99168)
To process PFKeys 4, 5, and 6, you may enter a specific Logistics Support Data Type or leave blank if not known:
PF1 Online Ship's Equipment Configuration Reports
PF2 Printed Ship's Equipment Configuration Reports
PF3 Update Ship's Equipment File
PF4 Online Logistics Support Data Reports
PF5 Printed Logistics Support Data Reports
PF6 Update Logistics Support Data
PF7 Update Valid Logistics Support Data Types
PF13 Aid
PF 15/16

Key Ship's Equipment Reports

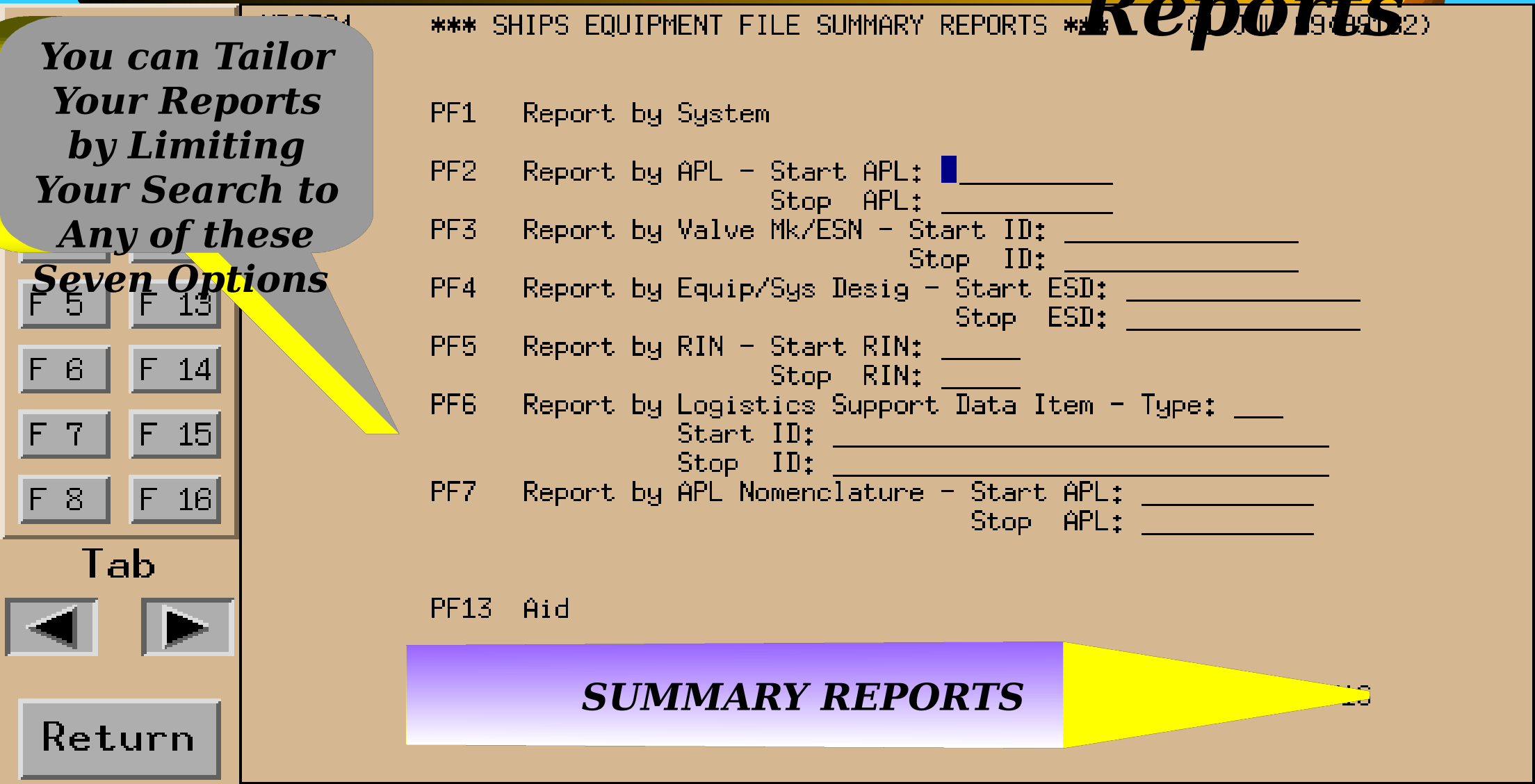


Key Ship's Equipment Reports
Equipment File Summary Reports



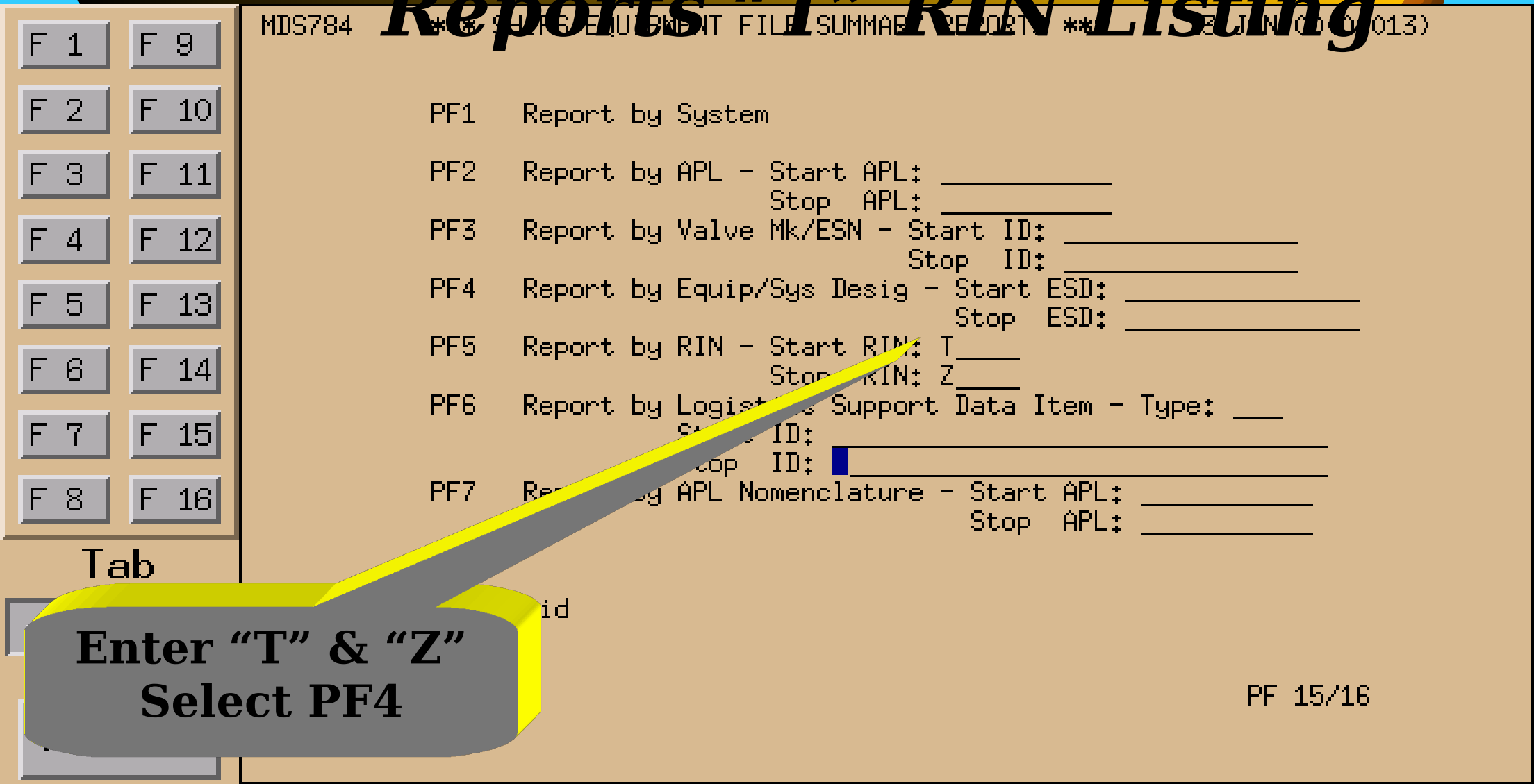
Key Configuration Management Reports

You can Tailor Your Reports by Limiting Your Search to Any of these Seven Options

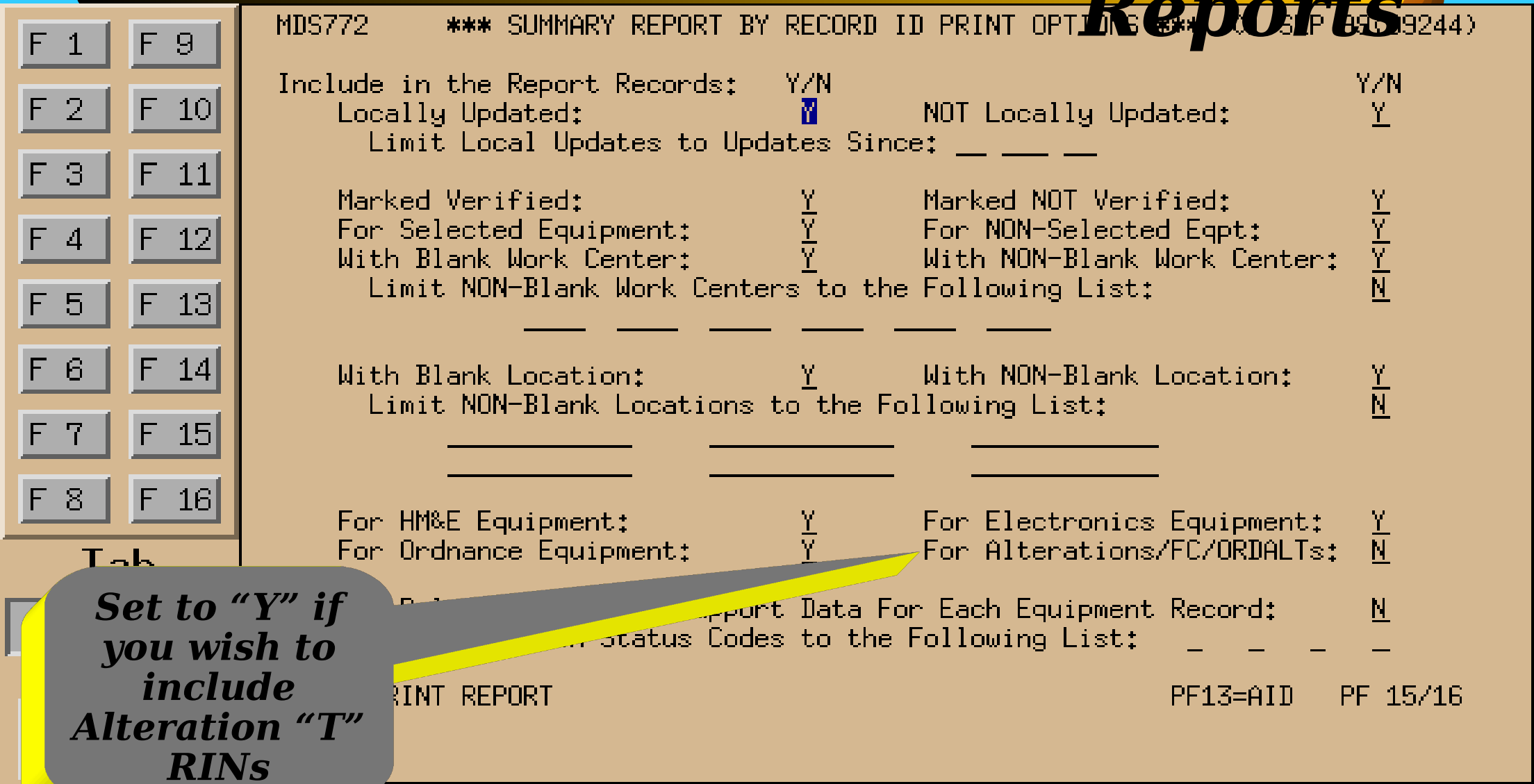


Key Configuration Management

Reports "T" RIN Listing



Key Configuration Management Reports



Set to "Y" if you wish to include Alteration "T" RINs

Key Configuration Management Reports "T" RIN Summary Report

REPORT FROM RIN 00000 THROUGH RIN ZZ999 1 JUL 94(94182)

SHIPS EQUIPMENT FILE REPORT BY RIN -- USS CARON DD 970 PAGE 1

SWLIN RIN	APL EQ/SYS	VALVE MK/ESN DESIG	LOCATION FUNCTIONAL DESCRIPTION	W/C QTY FOR RIN	EIC	SERIAL NO. EQP	SEL FIED	VERI TYP	REC TION	SEC- UPDATED	LAST BY USER
49111 T3300	31184205 250DE	03-188-2-Q BRIDGE RLC 250DE	CSE4 WK00000	035022 000001		N	N	LOC		94109	PJM
44614 T3380	30739935 C-10276/SSC	03-140-0-C FWD VERTREP REMOTE CHANNEL SELECTOR	CSE1 QF6D000	NONE 000001		N	N	LOC	ELE	94115	PJM
76111 T3382	006400336 SMALL ARMS	2-479-2-Q AN/PVS-4 NIGHT VISION	CSG1 8AAB000	14084J 000001		N	N	LOC		94116	PJM
76111 T3383	006400336 SMALL ARMS	2-479-2-Q AN/PVS-4 NIGHT VISION	CSG1 8AAB000	14107J 000001		N	N	LOC		94116	PJM

Key Configuration Management Reports “T” RIN Listing

```
                REPORT FROM RIN T0000 THROUGH RIN  Z999901 JUL 99(9118Z)
            SHIPS EQUIPMENT FILE REPORT  BY  RIN     -- USS CARON      DD 970    PAGE     1

SWLIN  APL  VALVE MK/ESN     LOCATION     W/C   EIC  SERIAL NO. SEL VERI- REC SEC- LAST BY
  RIN     EQ/SYS DESIG   FUNCTIONAL DESCRIPTION QTY FOR RIN     EQP FIED  TYP TION UPDATED USER

49111  31184205        03-188-2-Q       CSE4 WK00000   035022    N   N    LOC      94109   PJM
  T3300   250DE        BRIDGE RLC 250DE             000001

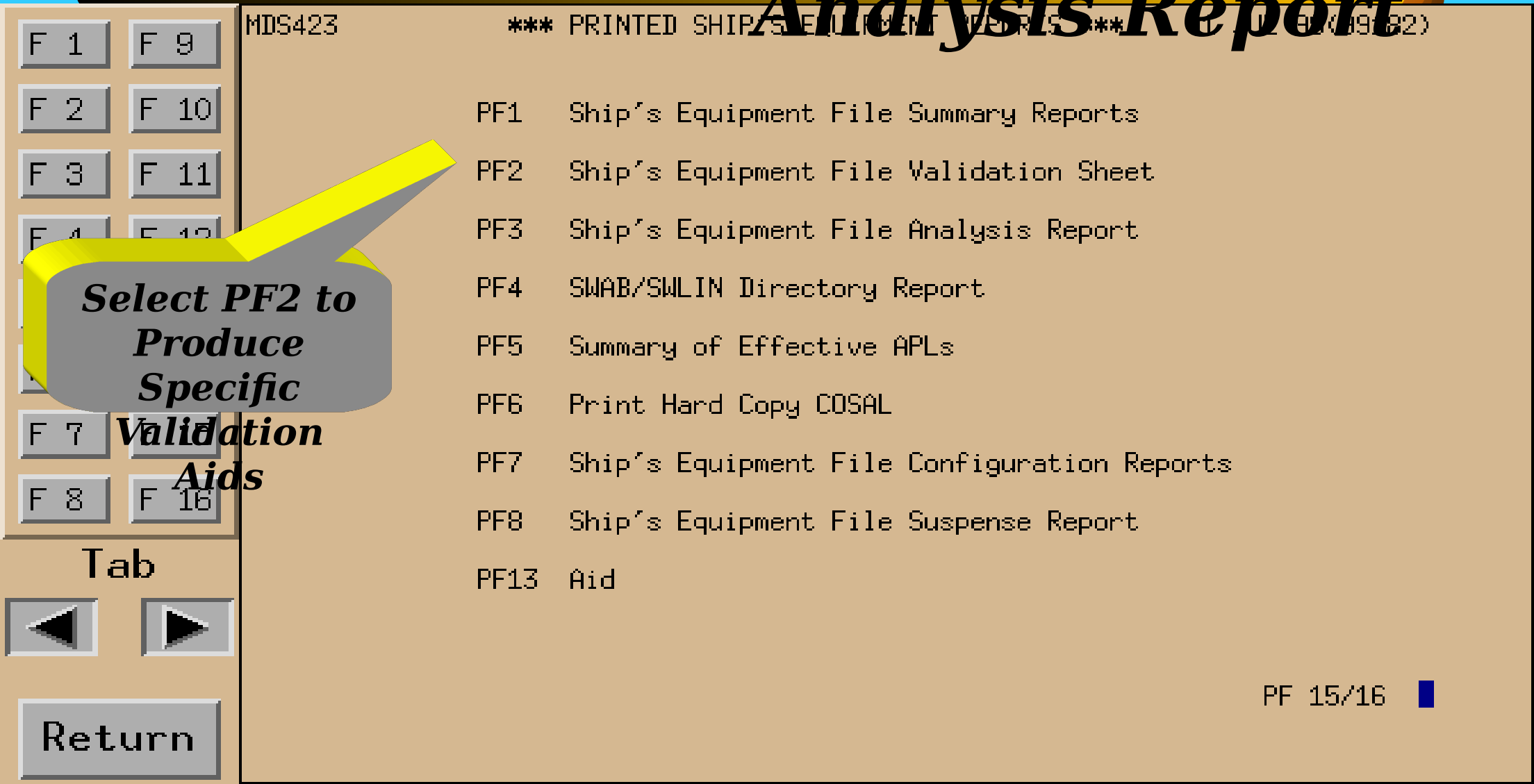
44614  30739935        03-140-0-C        CSE1 QF6D000  NONE      N   N    LOC ELE  94115   PJM
  T3380   C-10276/SSC    FWD VERTREP REMOTE CHANNEL SELECTOR 000001

76111  006400336       2-479-2-Q         CSG1 8AAB000  140       N   N    LOC      94116   PJM
  T3382  SMALL ARMS     AN/PVS-4 NIGHT VISION      00

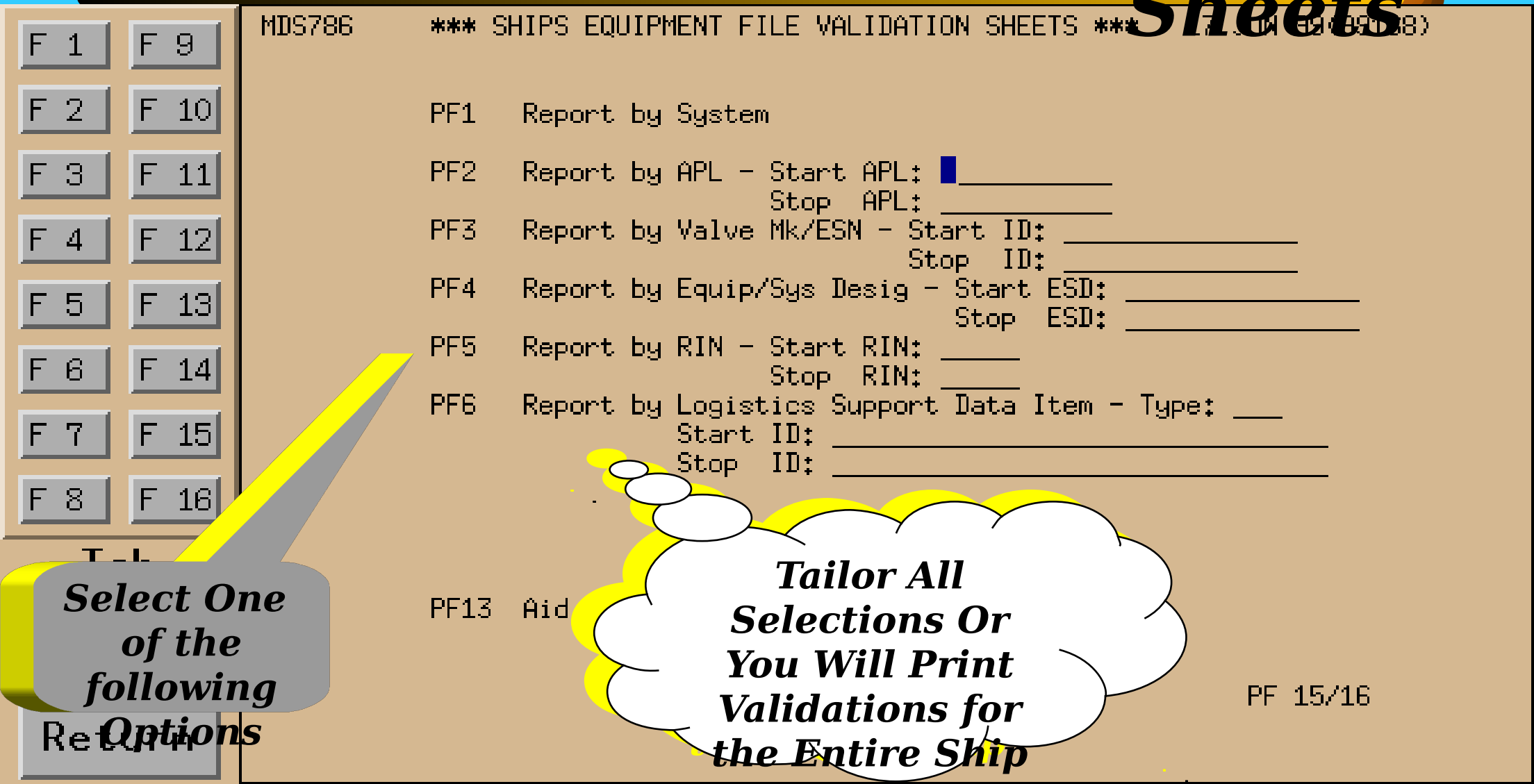
76111  006400336       2-479                                    N   N    LOC      94116   PJM
  T3383  SMALL ARMS     AN/
```

Look at this date is follow up with CDM necessary?

Key Ship's Equipment Reports
Ship's Equipment File Analysis Report



Key Ship's Equipment Reports
Ship's Equipment Validation Sheets



24 JUN 99(99175) SHIPS EQUIPMENT FILE DETAIL PRINT BY APL PAGE 1

*** EQUIPMENT DATA ***

RIN: A3693
FUNCTIONAL DESCRIPTION: **UPPER MOB & ACFT WARNING LIGHT**
APL: 249990497 APL NOMEN: **LIGHT NAVI MRN TY R-22A**
Eqpt/System Designator: ELEC NAVAID Valve Mark/ESN: 190.1 ACFT WRN
EIC: LJ0F000 Ailsin: Swlin: 4221125 EGC: 25 CGC: 1 ESC: CDC:
Location: **FOREMAST** WC (Eqpt): **EE02** Selected Eqpt: **N**
Serial Nbr: **NONE** WC (Cmpt):_____ Verified Rec : **N**
SERVICE APPL CODE: 0AVID MISSION CRITICALITY CODE: **2**
TYPE/MODEL: _____ Record Type: STD_____
SCAT Code: _____ CAT Code:_____
QTY INSTALLED FOR RIN: **000001** Instal Stat Code: **G**
Reason Not Validated: **1** DO/VC: MF VAL SRC ACT CODE: PN
PARENT APL: _____PARENT EQPT SER NBR: _____
COSAL Type: Section Indicator: HM&E
Subsafe Level: Per Recal: Per Maint: QA:
Subsafe Boundary: Per Wt Test: Rsic Flexhose:
Last Modified By: MWB On: 29 APR 98 REPORTING ACTIVITY: N62795
EQUIPMENT

RECORD UPDATE PENDING:

*** APL DATA ***

APL: 249990497 APL Nomen: LIGHT NAVI MRN TY R-22A

NIIN: SMIC: CAGE:

LSSC: AA TCC: H AEL Col Nbr: 1

Last Updated: 28 DEC 93 Last Updated By: DB4 Local Record: N

APL Characteristics: NAVCOM PLAN-9S4335

MFR DWG-

Total Population: MFR ID-9S4335LD1B

000004 PATTERN NO-785

EQUIP SPEC-MIL

NS



ZA

RATING-115V .

NO/TYPE OF

LAMPS-6 TS-11 SWITCH-

ADJUSTABLE-

MOUNTING-

SPECIAL FEATURES-NON MAGNETIC SPRAY TIGHT

APL HAS BEEN UPDATED TO INCLUDE DLP (DEPOT LEVEL

PROVISIONING) REQUIREMENTS

Verified By:

SNAP CONFIGURATION ADD/DELETE/CHANGE FORM

Hull Nbr: **Originator's Name:** **Date:**

Equipment

DELETE **(3) CHANGE (Circle One)**

Detailed Functional Description Necessary

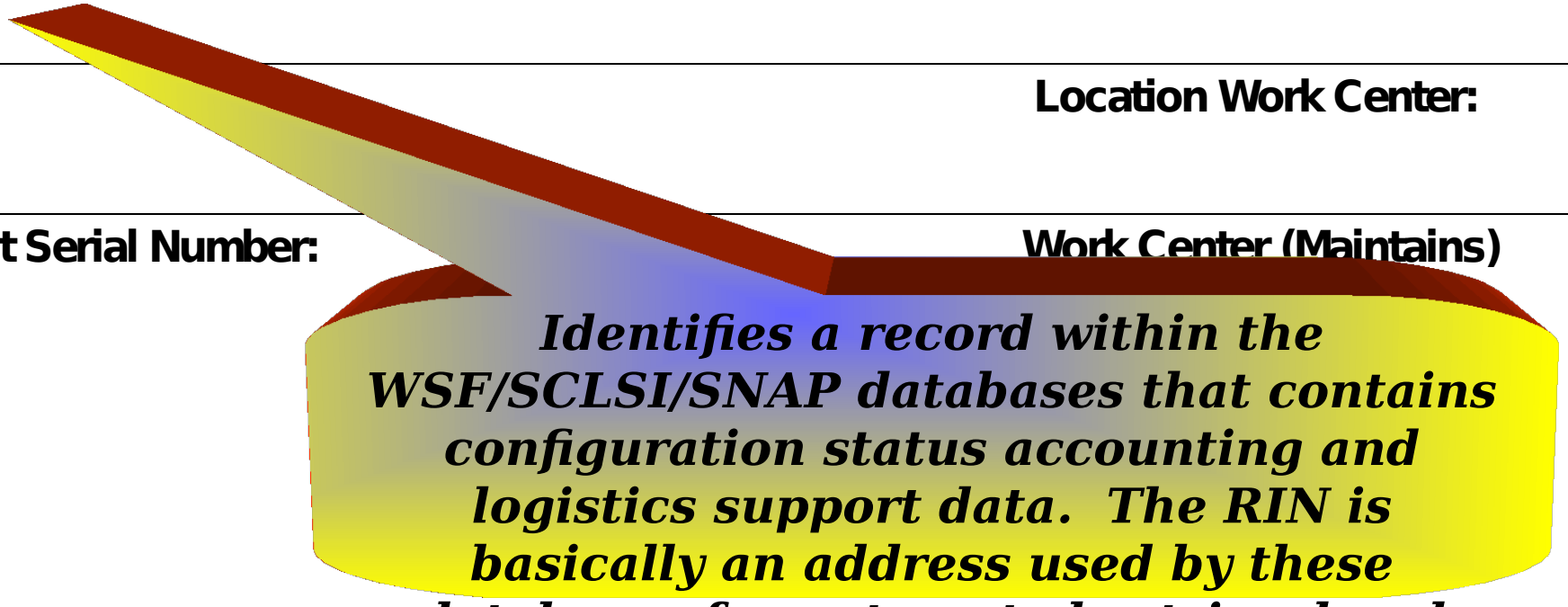
Functional Description:

APL

Valve Mark/Electric Symbol Number. This is a 15 character data field for identifying a specific value or electrical component used within a system when multiple applications of the same component are present. This ID serves as a method of location and identity.

Equip **Valve Mark/ESN:**

EIC:	**AILSIN/SWLIN:**
RIN:	**(For Changes or Deletes Only)**
Location:	**Location Work Center:**
Equipment Serial Number:	**Work Center (Maintains)**



Identifies a record within the WSF/SCLSI/SNAP databases that contains configuration status accounting and logistics support data. The RIN is basically an address used by these databases for automated retrieval and maintenance of records and data.

EIC:	**AILSIN/SWLIN:**
RIN:	**(F… …r Deletes Only)**
Location:	
Equipment Serial Number:	
Service Application Code:	

Identifies, for maintenance reporting purposes, the functional location, or relative position, of an equipment or assembly within a given system or subsystem hierarchy.

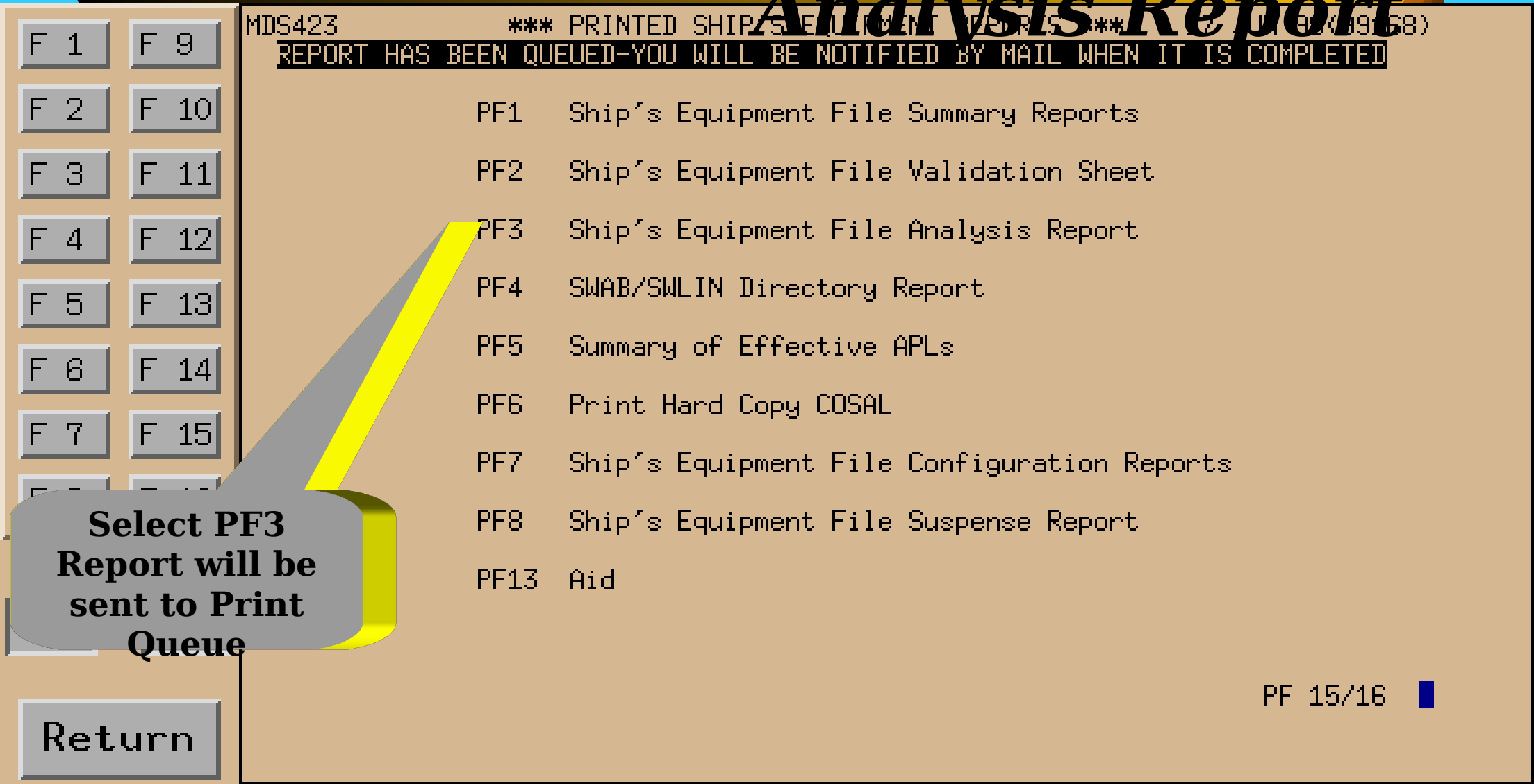
HSC.

The Master SAC File is available from NAVICP. There are approximately 22,000 different SAC values.

Model/Type:	**Quantity Installed for RIN:**
Parent APL:	**Parent Equipment Serial Nbr.**
Remarks:	



Key Ship's Equipment Reports
Ship's Equipment File Analysis Report



Equipment File Analysis Report

Part "A"

UIC: 20590 EQUIPMENT FILE ANALYSIS REPORT -- USS CARON DATE: 1 JUN 99 HULL NO: DD 970
PART A: DATA FILE ANALYSIS PAG: 1

WC	TOTAL CNT	BLANK SWLIN CNT	%	BLANK APL CNT	%	BLANK ESD CNT	%	BLANK EIC CNT	%	BLANK LOC CNT	%	ANY ERROR CNT	%	VERIFD REC CNT	%	LOCAL CHNG CNT	%	SELECT EQPT
CFS1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CSA1	416	1	0	2	0	0	0	0	0	0	0	3	0	0	0	3	0	0
CSA2	335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CSA3	172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
CSE1	1149	5	0	0	0	4	0	0	0	0	0	9	0	0	0	36	3	4
CSE2	235	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0
CSE3	231	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	8
CSE4	746	2	0	0	0	1	0	0	0	0	0	2	0	10	1	65	8	0
CSF1	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5
CSF2	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39

Equipment File Analysis Report

Part "A"

UIC: 20590 EQUIPMENT FILE ANALYSIS REPORT -- USS CARON DATE: 17 JUN 09HULL NO: DD 970 PART A:
DATA FILE ANALYSIS PAGE: 1

WC	TOTAL	BLANK SWLIN		BLANK APL		BLANK ESD		BLANK EIC		BLANK LOC		ANY ERROR		VERIFD REC		LOCAL CHNG		SELECT EQPT	
	CNT	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%
EB14	325	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	22	6
EE01	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EE02	3247	0	0	0	0	0	0	0	0	2	0	2	0	17	0	18	0	19	0
EE05	1531	0	0	0	0	0	0	0	0	2	0	2	0	20	1	12	0	1	0
EM01	809	0	0	1	0	0	0	0	0	0	0	1	0	0	0	6	0	242	29
EM02	744	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	242	32
EM03	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EM05	1704	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	337	19
ER01	1024	0	0	1	0	0	0	0	0	0	0	1	0	4	0	5	0	1	0
ER04	115	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
ER09	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Equipment File Analysis Report Part “A”

UIC: 20590 EQUIPMENT FILE ANALYSIS REPORT -- USS CARON DATE: 17 JUN 99 HULL NO: DD 970
PART A: DATA FILE ANALYSIS PAGE: 1

WC	TOTAL	BLANK SWLIN		BLANK APL		BLANK ESD		BLANK EIC		BLANK LOC		ANY ERROR		VERIFD REC		LOCAL CHNG		SELECT EQPT	
	CNT	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%
OZ01	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS01	16	0	0	3	18	0	0	0	0	0	0	3	18	0	0	4	25	0	0
SS02	24	2	8	3	12	2	8	0	0	0	0	5	20	0	0	5	20	0	0
SS03	9	2	22	2	22	0	0	0	0	0	0	2	22	0	0	2	22	0	0
SS04	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS05	16	0	0	3	18	0	0	0	0	0	0	3	18	0	0	3	18	0	0
UNAS	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XS01	96	0	0	8	8	0	0	0	0	0	0	8	8	0	0	8	8	0	0
XX01	1	1	100	0	0	0	0	1	100	0	0	1	100	0	0	0	0	0	0
TOTAL	21048	46	0	28	0	17	0	1	0	5	0	89	0	69	0	384	1	1453	6

Equipment File Analysis Report Part "A"

UIC: 20590 EQUIPMENT FILE ANALYSIS REPORT -- USS CARON DATE: 17 JUN 99 HULL NO: DD 970
PART A: DATA FILE ANALYSIS PAGE: 1

WC	TOTAL	BLANK SWLIN		BLANK APL		BLANK ESD		BLANK EIC		BLANK LOC		ANY ERROR		VERIFD REC		LOCAL CHNG		SELECT EQPT	
	CNT	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%	CNT	%
OZ01	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS01	16	0	0	3	18	0	0	0	0	0	0	3	18	0	0	4	25	0	0
SS02	24	2	8	3	12	2	8	0	0	0	0	5	20	0	0	5	20	0	0
SS03	9	2	22	2	22	0	0	0	0	0	0	2	22	0	0	2	22	0	0
SS04	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS05	16	0	0	3	18	0	0	0	0	0	0	3	18	0	0	3	18	0	0
UNAS	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XS01	96	8	8	8	8	0	0	0	0	0	0	8	8	0	0	8	8	0	0
XX01	1	1	100	0	0	0	0	1	100	0	0	1	100	0	0	0	0	0	0
TOTAL	21048	46	0	28	0	17	0	5	0	89	0	69	0	384	1	1453	6		

UNAS indicates work center field is blank.

Equipment File Analysis Report Part "B"

UIC: 20590 EQUIPMENT FILE ANALYSIS REPORT -- USS CARON DATE: 17 JUN 99
HULL NO: DD 970 PART B: EQUIPMENT APL'S NOT IN COSAL FILE PAGE: 1

APL	TYPE	NOMENCLATURE	EQPT CNT
	LOC	Renew Gimble Mount	2
960035	STD	ONO56884-1/AMP Fltr Assy	1
999971793	STD	Control Box Relay	1
999971794	STD	Box Terminal185562	1
999999999	LOC	T[illegible]smitter	1
CCF Date-	LOC	No Da[illegible]vailable	1

LOGISTICS SUPPORT PENDING: 3119
LOGISTICS SUPPORT REQUESTED: 3209
TOTAL EQUIPMENT APL'S: 7450
TOTAL NOT IN COSAL FILE: 234
PERCENT NOT IN COSAL FILE: 2

Local Record Created by the Ship without APL Number

Equipment File Analysis Report Part "C"

```
UIC: 20590   EQUIPMENT FILE ANALYSIS REPORT -- USS CARON  DATE: 17 JUN 99
HULL NO: DD 970   PART C: COSAL APL'S NOT IN EQUIPMENT FILE
         PAGE:     1

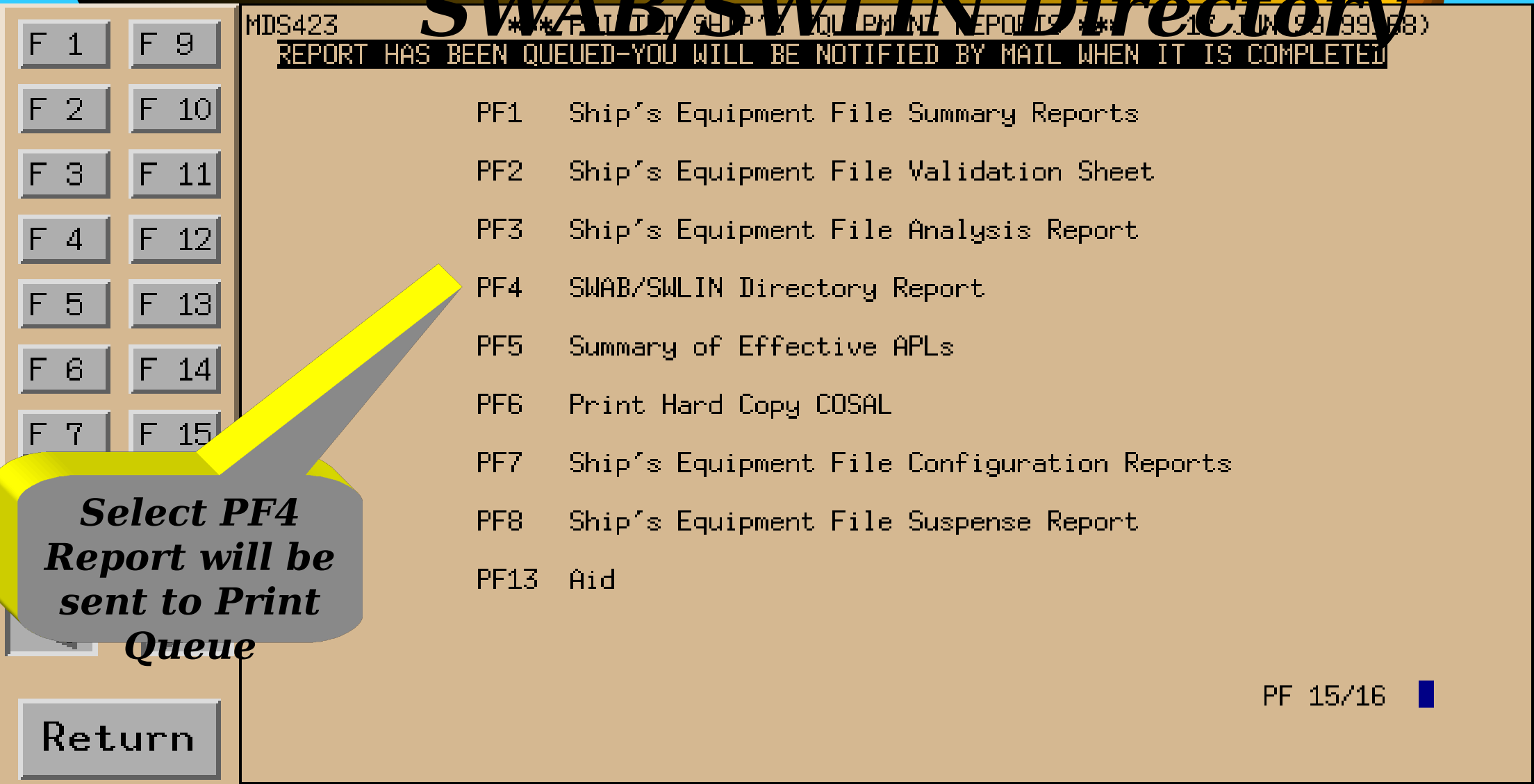
APL             APL             APL             APL
17475A526
999970028
999970030
999970031
999970043
ZZZZZZZZZZ

TOTAL COSAL RECORDS:          289451
TOTAL COSAL APL'S:              7422
TOTAL NOT IN EQUIPMENT FILE:       6
PERCENT NOT IN EQUIPMENT FILE:     0
```

"0009MDS*FXCOSAPL"

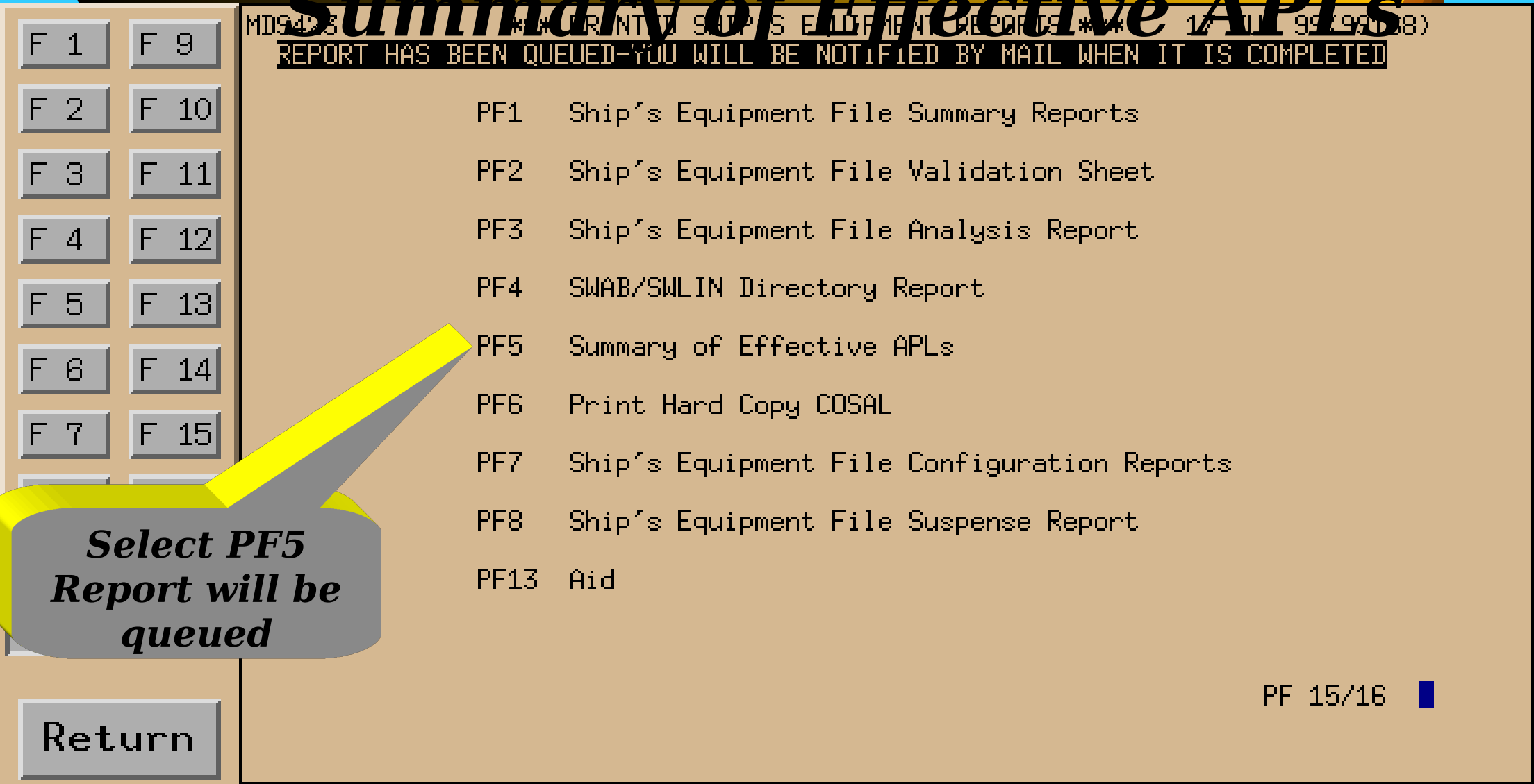
Key Configuration Management Reports

SWAB/SWLIN Directory



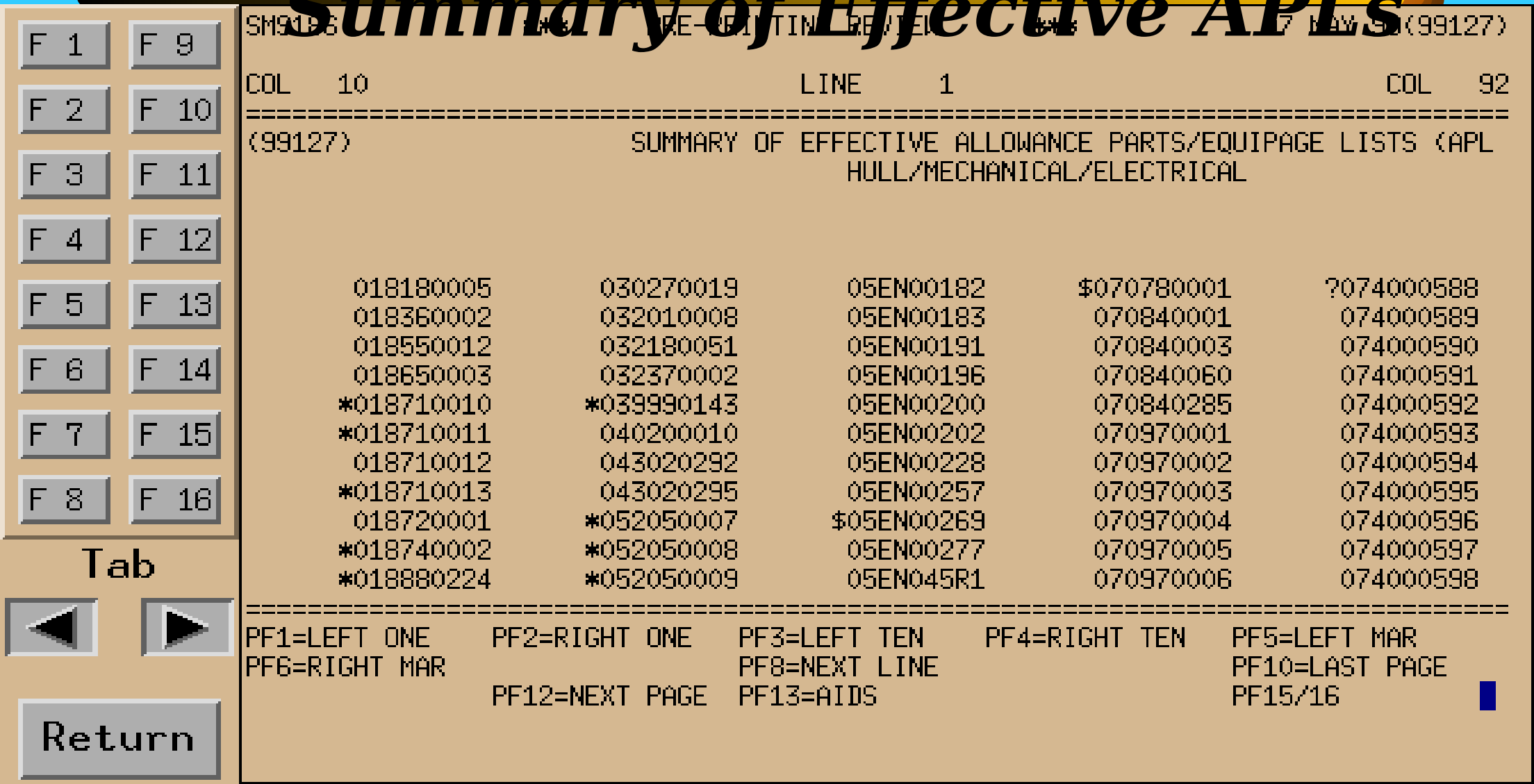
Key Configuration Management Reports

Summary of Effective APLs



Key Configuration Management Reports

Summary of Effective APIs



SUMMARY OF EFFECTIVE ALLOWANCE PARTS/EQUIPAGE LISTS (APL)

HULL/MECHANICAL/ELECTRICAL

*013040001	017800029	032200009	05EN00163				
070710053	074110042	?0R15592005	0R15982037				
016021435	017810026	032370002	05EN00166	070710054	074450053	$0R15592006	0R16002005
016021441	017840018	*039990143	05EN00170	070710152	074450058	$0R15598005	0R16002016
016021446	017940016	040906030	$05EN00172	070710153	074680023	0R15652006	0R16002026
016032514	018540006	043020292	$05EN00181	070710156	074680037	$0R15653003	0R16010005
016032515	018550014	043020320	05EN00182	070840017	#080030091	0R15653006	0R16010016

SUMMARY OF EFFECTIVE ALLOWANCE PARTS/EQUIPAGE LIST (APL)

ELECTRONICS AND ORDANCE FIRE CONTROL

$00000747	$00003429FP	$00006318	00010064	00011188	00014690	00017904FC	00022419
00000903	*00003441CL	$00006554	*00010177	00011189	00014691	00017904FD	00022420
00000904	00003442	00006621	00010177FB	00011190	00014694	$00018095	00022483
00000905	00003444	$00006622	00010177FC	*00011416CL	00014696	00018264	$00022559
00000906	00003447	$00006864	00010177FD	*00011522	00014711	00018326	#00022593
00000907	00003448	00006905	00010177FE	?00011522FA	#00015277	*00018484CL	?00022593FB

SUMMARY OF EFFECTIVE ALLOWANCE PARTS/EQUIPAGE LIST (APL)

ORDNANCE

004220098	004230550	005750357	005750358	006230080
004220099	004230552	#005750359	006230071	009000006
004220101	004230552	#005750366	*006230080	009000014
004220103	004230553	006020269	006230083	$00HME0000
004220104	004230883	006021235	006300434	$000RD0000
004220108	005000130	006021236	006300435	

SUMMARY OF EFFECTIVE ALLOWANCE PARTS/EQUIPAGE LIST (AEL)

HULL/MECHANICAL/ELECTRICAL

1-911395040	2-240074019	2-330014013	*2-380044060	2-650034021	2-870030056	2-870005219	2-920014025
1-911644003	2-250004043	2-330014163	2-380054001	2-660014001	2-870003057	2-870005222	2-920014027
1-912324001	2-260014022	2-330014171	2-380054016	2-670034004	2-870004007	7-880014010	7-920014029

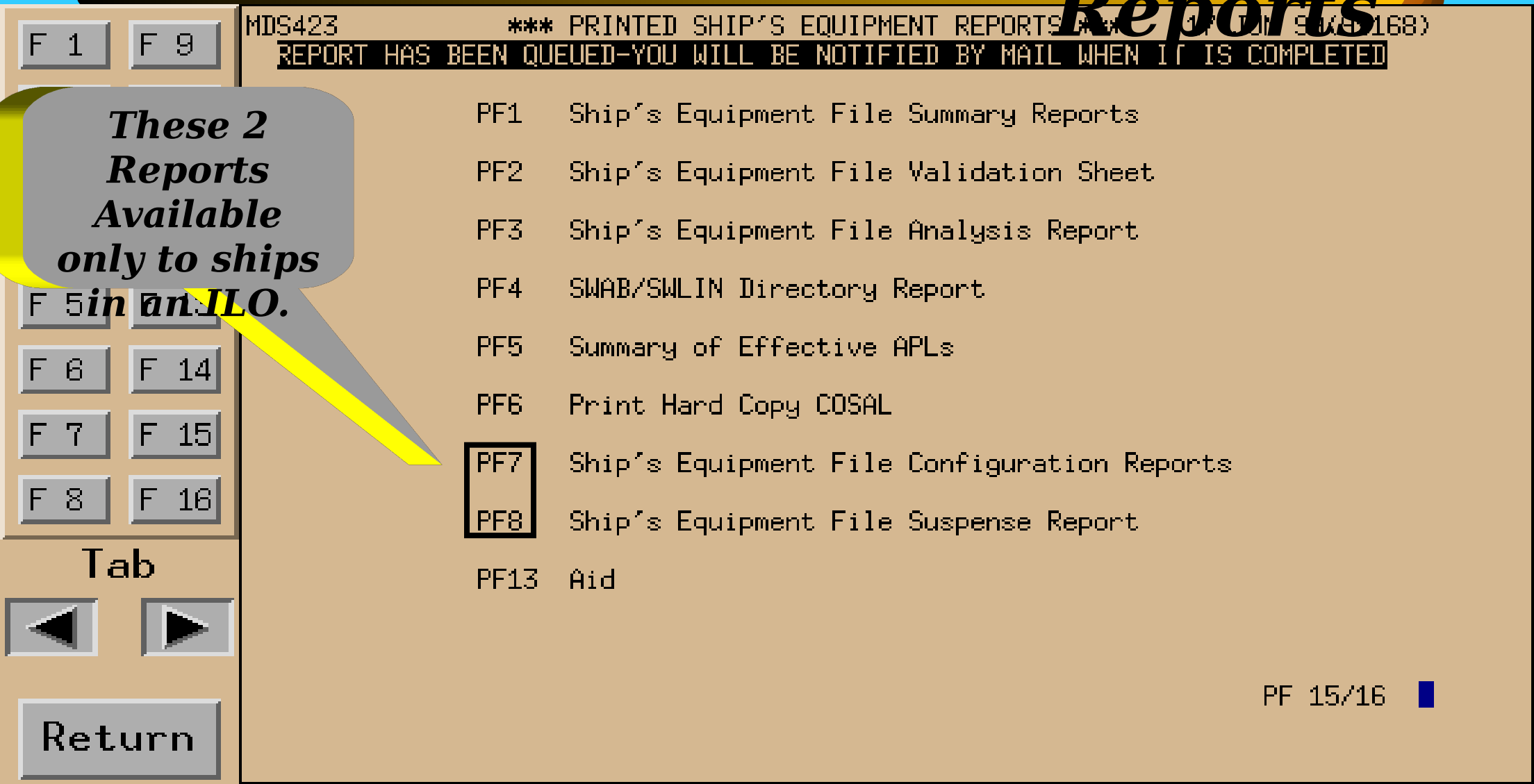
ORDNANCE

0-004220020	0-006400425	0-004220022	0-006470180	0-004230012	0-006600020	0-004230041	0-006800003
0-004230048	0-006990042	0-004230049	0-007710001	0-004230050	0-008990011	0-004230051	0-008990021

= LOGISTIC SUPPORT REQUESTED/PENDING *** = CONTAINS SUBORDINATE APL**

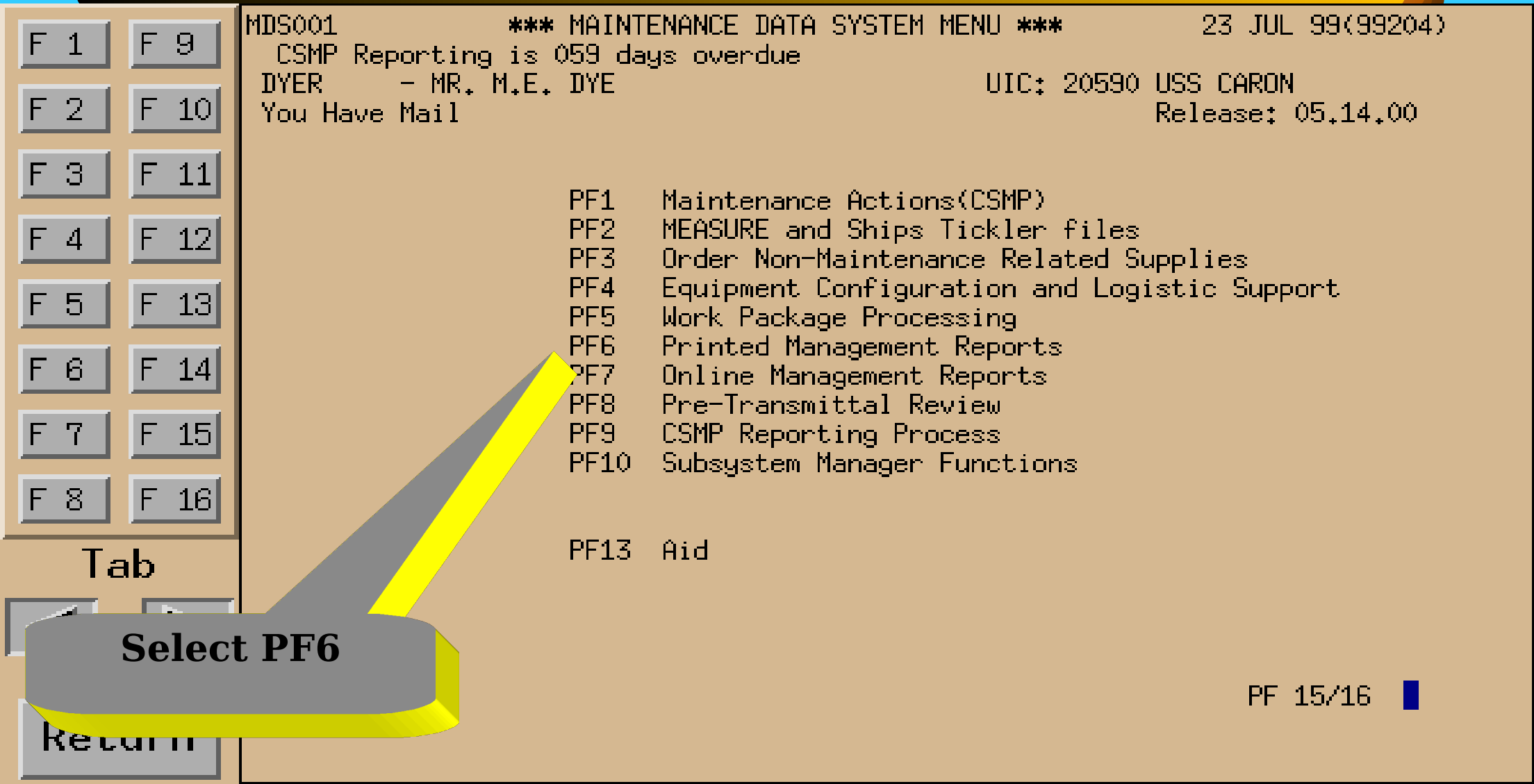
 ( ) = COS MNT ACT CHG CODE **$ = APL CONTAINS NO PART** **? = PART(S) NOT LISTED (RUN EQPTAL TO CORRECT)**

Ships Equipment File Configuration & Suspense Reports

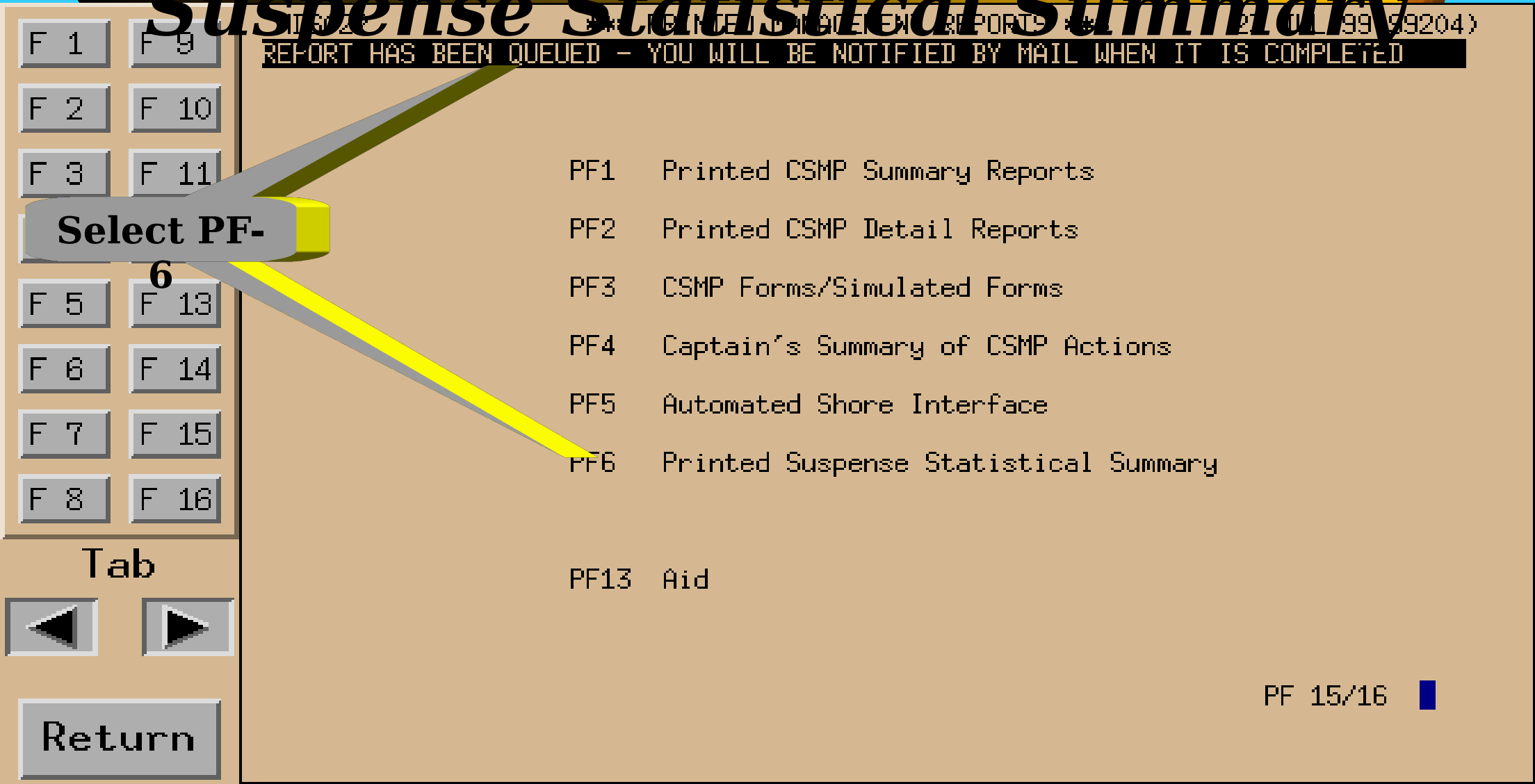


These 2 Reports Available only to ships in an ILO.

Key Configuration Management Reports



Key Configuration Management Reports Suspense Statistical Summary



Key Configuration Management Reports

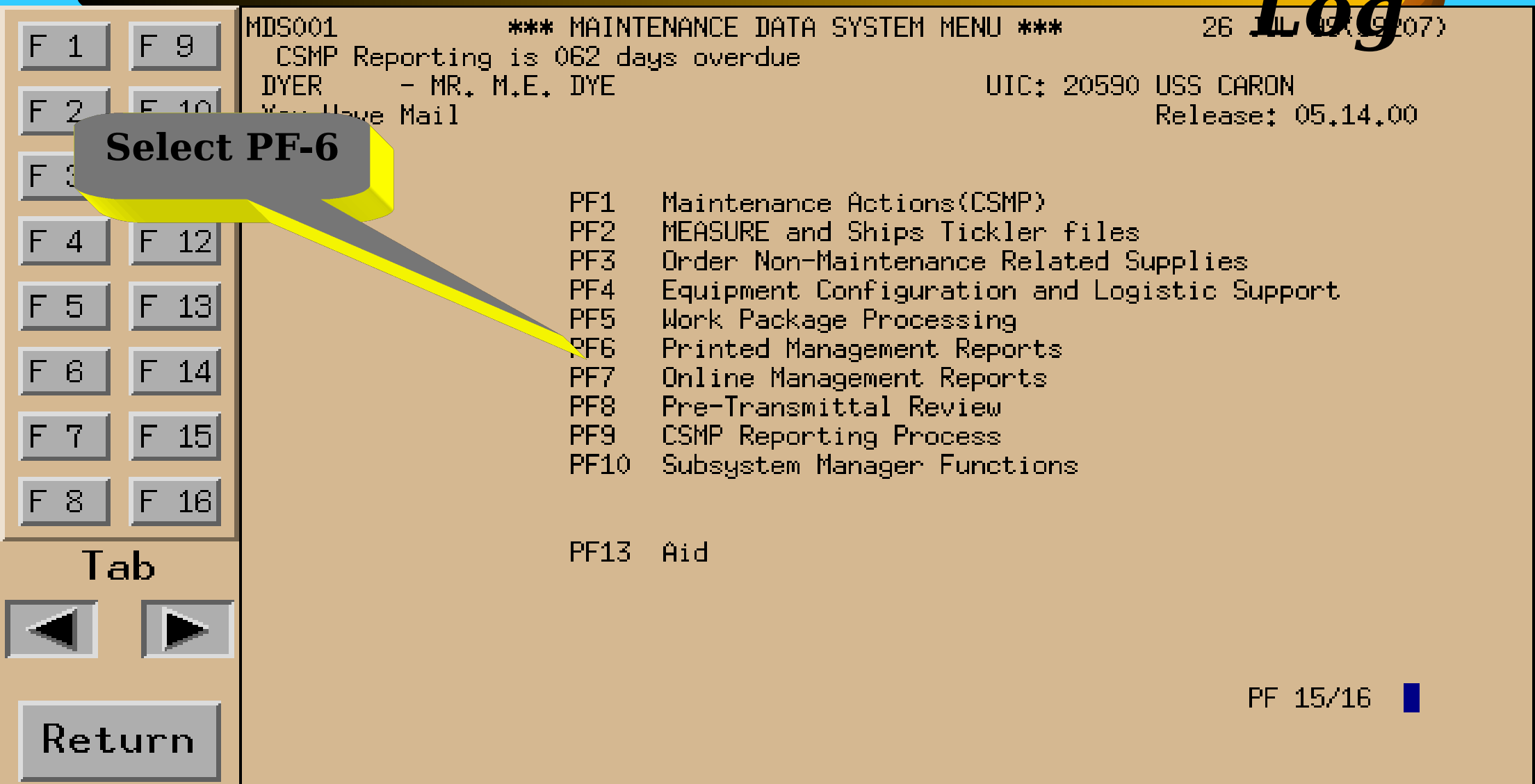
Suspense Statistical Summary

DATE:06 JUL 09 SUSPENSE FILE SUMMARY STATISTICAL REPORT PAGE:

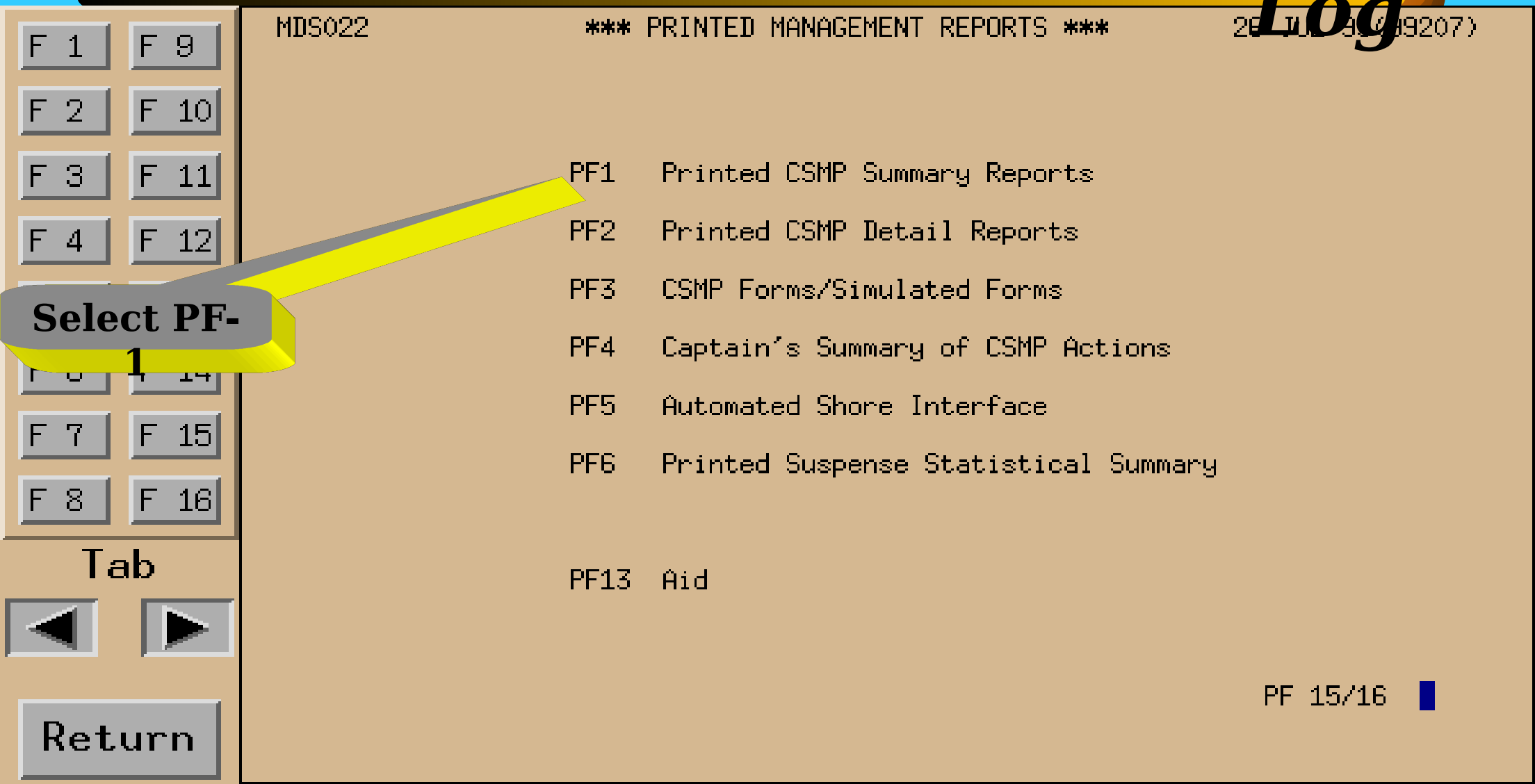
	# TRANS IN REVIEW	AGE (DAYS) OLDEST	AGE (DAYS) NEWEST	AGE (DAYS) AVERAGE	# TRANSACTIONS AWAITING RESPONSE	AGE (DAYS) OLDEST	AGE (DAYS) NEWEST	AGE (DAYS) AVERAGE
WORK CENTER CSA2								
CONFIGURATION CHANGES	0	0	0	0	0	0	0	0
FILE CORRECTIONS	0	0	0	0	2	109	70	90
COSAL FEEDBACK (CFR)	0	0	0	0	0	0	0	0
REJECTIONS	0	0	0	0	2	70	70	70
WORK CENTER CSA3								
CONFIGURATION CHANGES	0	0	0	0	0	0	0	0
FILE CORRECTIONS	0	0	0	0	4	109	109	109
COSAL FEEDBACK (CFR)	0	0	0	0	0	0	0	0
REJECTIONS	0	0	0	0	1	70	70	70
WORK CENTER CSE1								
CONFIGURATION CHANGES	0	0	0	0	0	0	0	0
FILE CORRECTIONS	2	53	53	53	1	70	70	70
COSAL FEEDBACK (CFR)	0	0	0	0	0	0	0	0
REJECTIONS	0	0	0	0	4	70	70	70

TOTALS FOR SHIP	# TRANS IN REVIEW	AGE (DAYS) OLDEST	AGE (DAYS) NEWEST	AGE (DAYS) AVERAGE	# TRANSACTIONS AWAITING RESPONSE	AGE (DAYS) OLDEST	AGE (DAYS) NEWEST	AGE (DAYS) AVERAGE
GRAND TOTALS	4	53	42	49	247	109	47	73

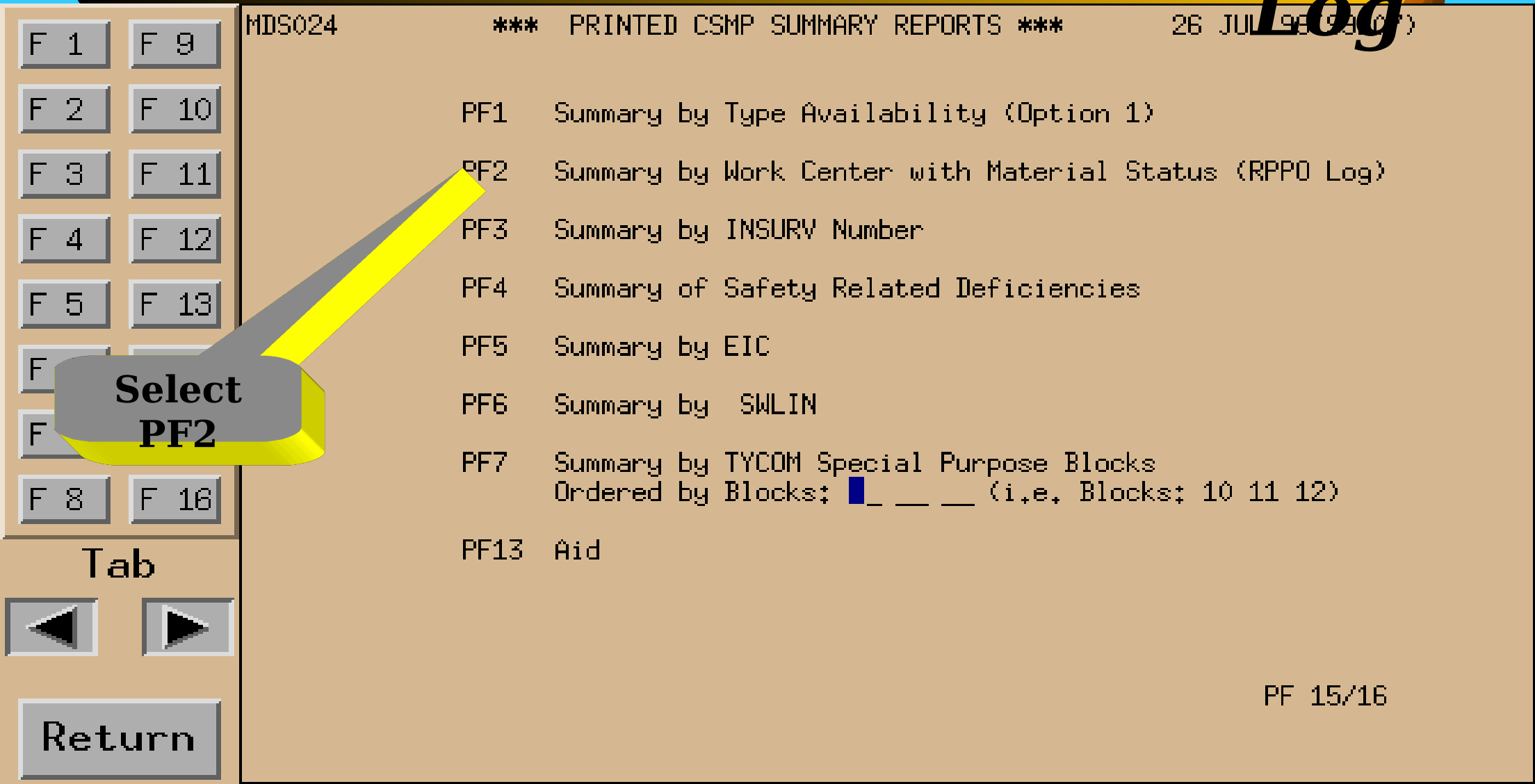
Key Configuration Management Reports RPPO Log



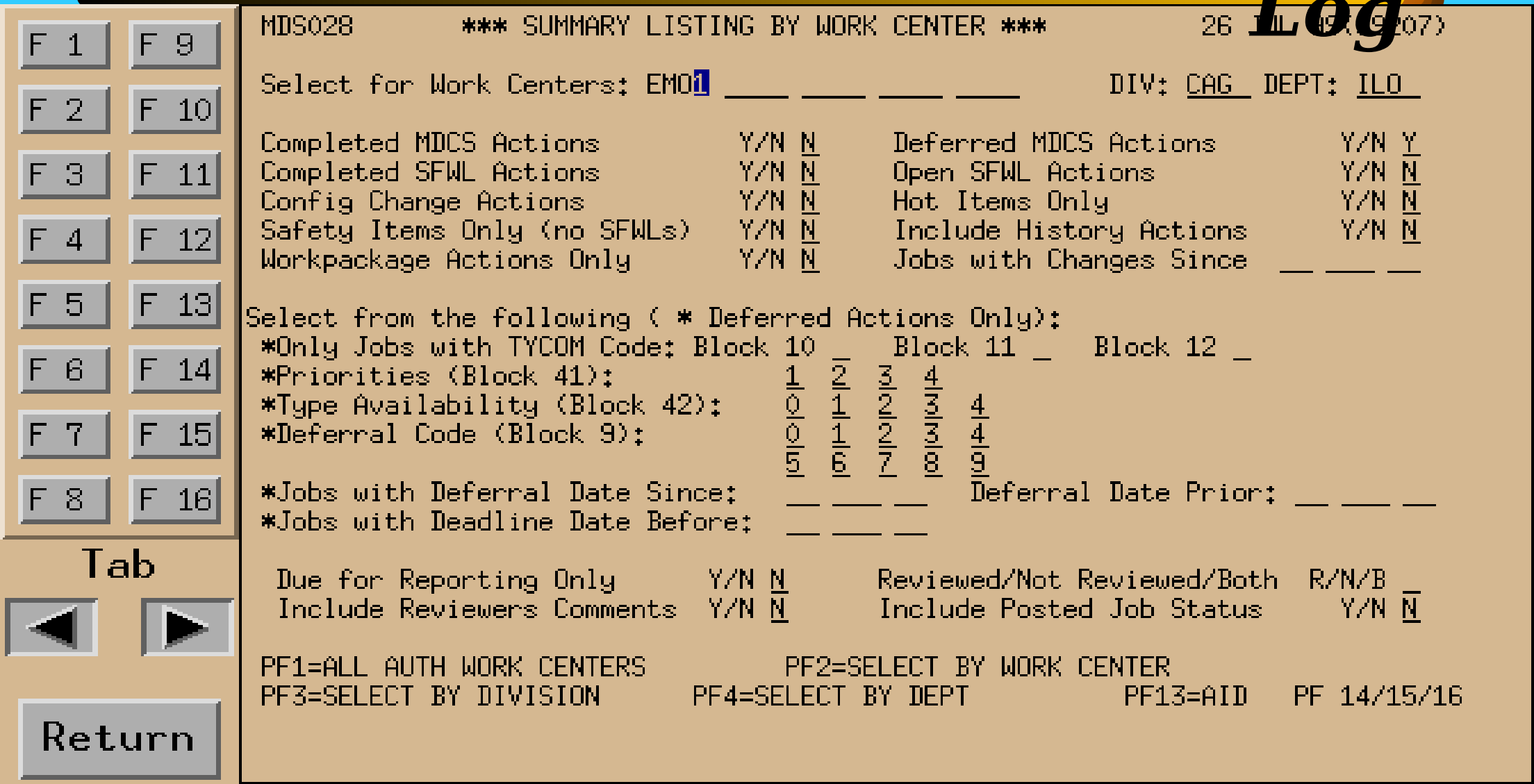
Key Configuration Management Reports RPPO Log



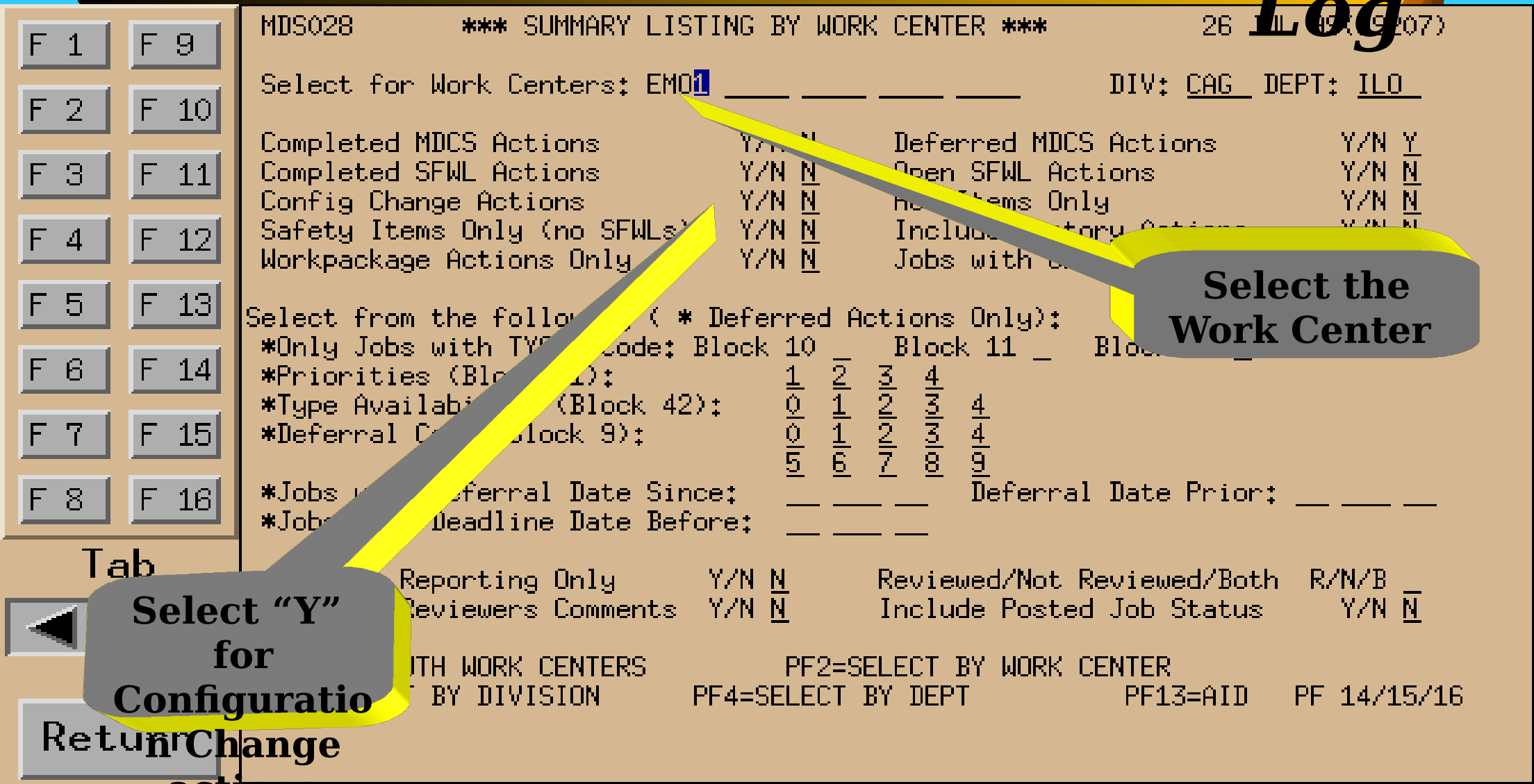
Key Configuration Management Reports RPPO Log



Key Configuration Management Reports RPPO Log


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS028 *** SUMMARY LISTING BY WORK CENTER *** 26 JUL 09(9207)
Select for Work Centers: EMO1 ____ ____ ____ ____ DIV: CAG DEPT: ILO
Completed MDCS Actions Y/N N
Completed SFWL Actions Y/N N
Config Change Actions Y/N N
Safety Items Only (no SFWLs) Y/N N
Workpackage Actions Only Y/N N
Deferred MDCS Actions Y/N Y
Open SFWL Actions Y/N N
Hot Items Only Y/N N
Include History Actions Y/N N
Jobs with Changes Since __ ___ __
Select from the following (* Deferred Actions Only):
*Only Jobs with TYCOM Code: Block 10 _ Block 11 _ Block 12 _
*Priorities (Block 41): 1 2 3 4
*Type Availability (Block 42): 0 1 2 3 4
*Deferral Code (Block 9): 0 1 2 3 4
5 6 7 8 9
*Jobs with Deferral Date Since: __ ___ __ Deferral Date Prior: __ ___ __
*Jobs with Deadline Date Before: __ ___ __
Due for Reporting Only Y/N N
Include Reviewers Comments Y/N N
Reviewed/Not Reviewed/Both R/N/B _
Include Posted Job Status Y/N N
PF1=ALL AUTH WORK CENTERS PF2=SELECT BY WORK CENTER
PF3=SELECT BY DIVISION PF4=SELECT BY DEPT PF13=AID PF 14/15/16

Key Configuration Management Reports RPPO Log



Key Configuration Management Reports RPPO Log

```
USS CARON  DD 970                  UIC-20590                                PAGE     2
WORK CENTER CSA1
REC                                                                 DEFR      DEFR                 COMPL     ACT
TYPE JSN   NOUN NAME   IDENT       CSMP SUMMARY                     DATE      REAS PRI T/A  S/F    DATE      TKN
MDCS 2026  HULL MOUNTED SON  NONE       REPLACEMENT                 28 JAN 99   2    1   4    25
                           OF DOME VALVES

           MATERIAL STATUS: CSA19028-394 REQUISITION HAS LEFT THE SHIP  20590 9030 A361

                            CSA19028-395 REQUISITION HAS LEFT THE SHIP  20590 9030 A360
                            CSA19028-396 REQUISITION HAS LEFT THE SHIP  20590 9030 A362

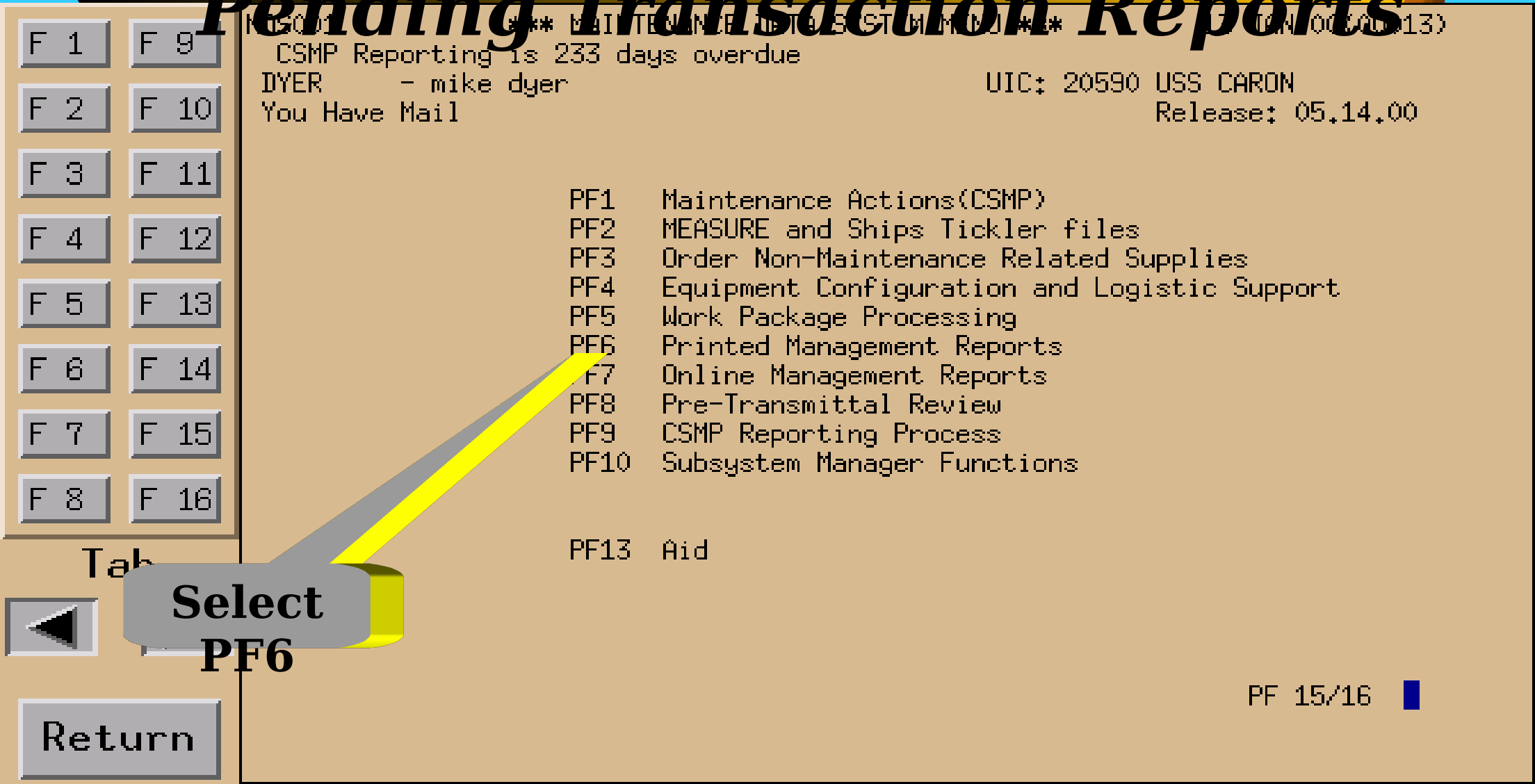
                            CSA19028-397 MATERIAL ISSUED
                            CSA19028-398 MATERIAL ISSUED
                            CSA19028-399 REQUISITION HAS LEFT THE SHIP  20590 9030 A363

                            CSA19028-400 APPROVED REQUIREMENT
                            CSA19028-401 MATERIAL ISSUED
                            CSA19028-402 MATERIAL ISSUED
                            CSA19028-403 UNAPPROVED REQUIREMENT
                            CSA19028-404 UNAPPROVED REQUIREMENT
                            CSA19028-406 UNAPPROVED REQUIREMENT

     TOTAL JSNS THIS WORK CENTER =     19              WORK CENTER CSA1 TOTALS        333
```

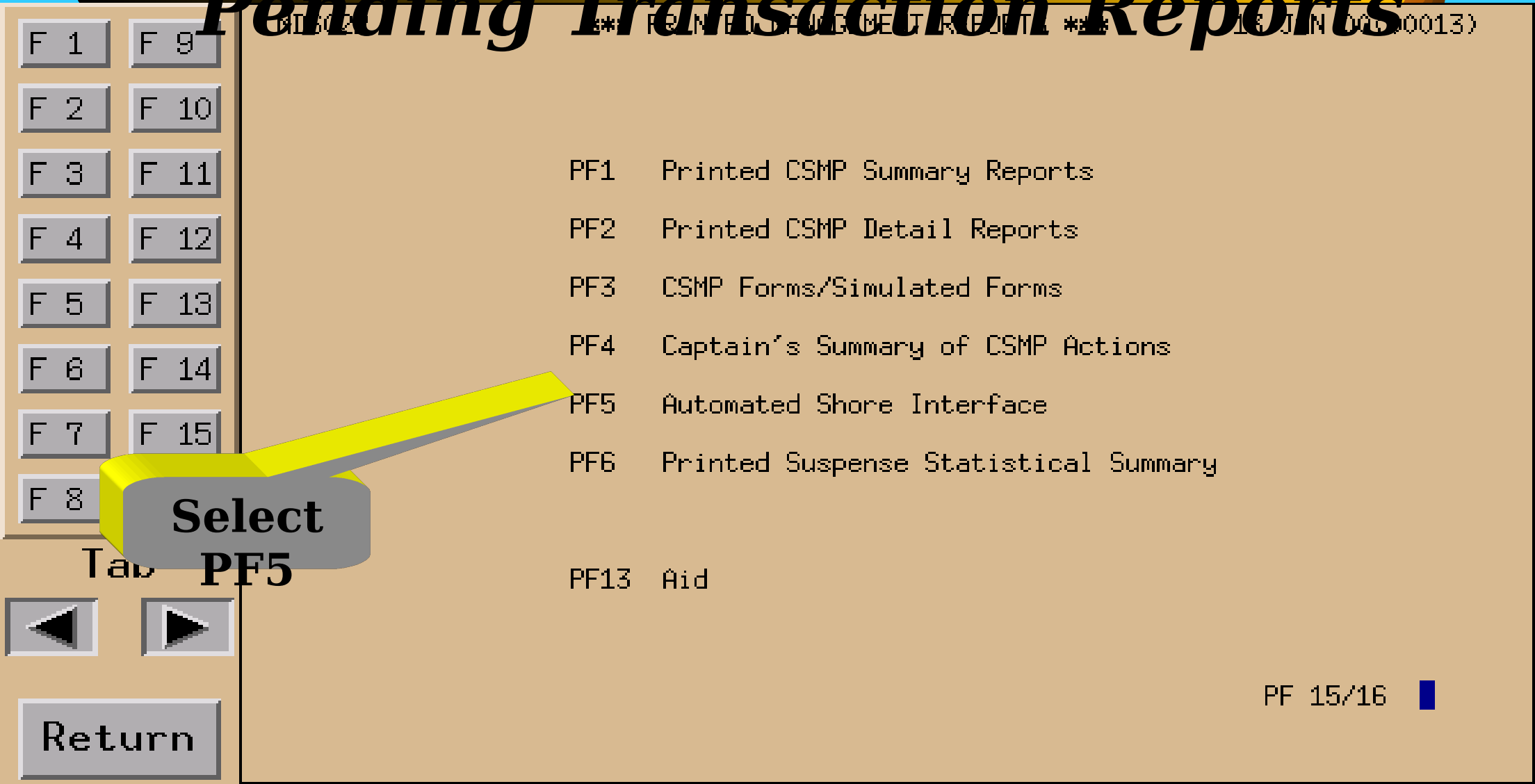
Key Configuration Management Reports

Pending Transaction Reports



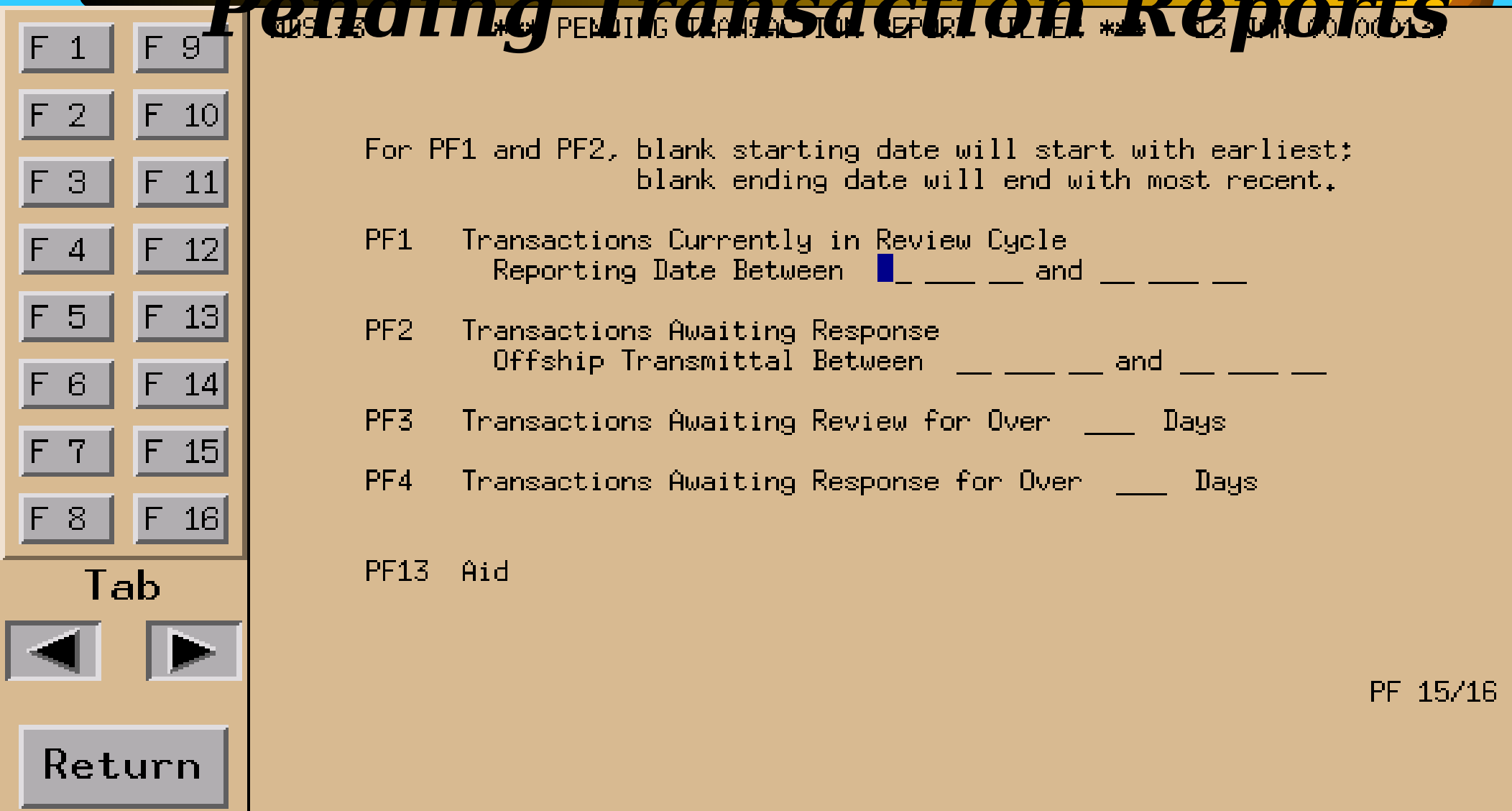
Key Configuration Management Reports

Pending Transaction Reports



Key Configuration Management Reports

Pending Transaction Reports



PENDING TRANSACTIONS REPORT

USS CARON DD 970 DATE: 28 MAR 00

PAGE: 3

WC:ILOA **JSN: 2129** PAGE 0001 **ACTION TYPE: EQPT ADD**

EQU: T4729 APL: 00036457 AN/SQQ-89 (V)ECO-092R1,
FUNCTIONAL DESCRIPTION: AN/SQQ-89 (V)ECO-092R1,
EQPT/SYSTEM DESIGNATOR: AN/SQQ-89 VALVE MARK/ESN:
AILSIN: EIC: 2D00000
SELECTED EQPT: N VERIFIED ENTRY: N ENTRY TYPE: LOCALLY ADDED
LOCATION: 2-100-0-L **WC (EQPT): EM01**
SERIAL NBR: MSAT **WC (CMPT): EM01**
TYPE/MODEL: **QUANTITY: 000001**
SERVICE APPLICATION CODE: 460ES
SERVICE APPL DESCRIPTION:
LAST MODIFIED BY DYE ON 07 MAR 00 EQPT ACTION PENDING: Y
INSTALLATION STATUS CODE: G
PARENT APL: PARENT EQPT SER NBR:
REPORTING ACTIVITY: 20590 SERVICE IMPORTANCE CODE (MCC):
CATEGORY CODE (TEST EQPT): DATA ORIG/VAL CODE: LF
SUBCATEGORY CODE(TEST EQPT VAL SOURCE ACTION CODE: KV
REASON NOT VALIDATED:
SUBSAFE LEVEL: PERIODIC MAINT EQPT:
SUBSAFE BOUNDARY: PERIODIC RECALIBRTION:

RSIC FLEXHOSE: PERIODIC WEIGHT TEST:
QA:
REVIEW INFORMATION NAMEPLATE DATA:

MODIFY THE AN/SQQ-89 (V) 6 DDG WITH AN/SQQ-89
IN REVIEW PROCESS **SINCE 07 MAR 00.** (V) ECO 092R1

REVIEW LEVEL	REVIEW DATE	USER ID
SHIP		NONE
DEPT	NONE	
DIV		NONE
EM01		NONE

COMMENTS
NONE
ORIGINATED BY DYER LAST MODIFIED BY ON

PENDING TRANSACTIONS REPORT

USS CARON DD 970 **DATE: 28 MAR 00**
PAGE: 2

WC:ILOA **JSN: 2131** PAGE 0001 ACTION TYPE: EQPT DELETE
EQU: **4976B**
APL: **00003006** SB-4124/WSC, SWITCHBOARD,PATCHING,DATA,CONTROL
FUNCTIONAL DESCRIPTION: UNIT 1A4, DATA & CONTROL SWBD #2
EQPT/SYSTEM DESIGNATOR: DAMA **VALVE MARK/ESN: DAMA**
AILSIN:44171 EIC: QC43000
SELECTED EQPT: N VERIFIED ENTRY: N ENTRY TYPE: STANDARD
LOCATION: 02-220-01-C **WC (EQPT): CSE1**
SERIAL NBR: C32 **WC (CMPT): CSE1**
TYPE/MODEL: SB-4124/WSC **QUANTITY: 000001**
SERVICE APPLICATION CODE: 70001RADIO
SERVICE APPL DESCRIPTION: RADIO
LAST MODIFIED BY DAJ ON 19 FEB 99 EQPT ACTION PENDING: N
INSTALLATION STATUS CODE: G
PARENT APL: 00003005CL PARENT EQPT SER NBR: C18
REPORTING ACTIVITY: N62795 SERVICE IMPORTANCE
CODE (MCC): 2
CATEGORY CODE (TEST EQPT): DATA ORIG/VAL CODE: PF
SUBCATEGORY CODE(TEST EQPT): VAL SOURCE ACTION CODE: PV
REASON NOT VALIDATED:
SUBSAFE LEVEL: PERIODIC MAINT EQPT:
SUBSAFE BOUNDARY: PERIODIC RECALIBRTION:
RSIC FLEXHOSE: PERIODIC WEIGHT TEST:
QA:
REVIEW INFORMATION COMPONENT CHARACTERISTICS
NSN-7G5815-01-171-4468
IN REVIEW PROCESS 07 MAR 00. EIC-QC43000
COMMERCIAL NOMEN-3533266 FSCM

15151
REVIEW LEVEL REVIEW DATE USER ID CONTRACT NR-N00039-84C-0004 SER E
SHIP NONE SOURCE OF APL INFO-PPL
DEPT NONE PROV PARTS LIST-DATED 26 AUG 1985
DIV NONE PCN-53H0
CSE1 NONE OTHER NHA - OW-101/FSC
DESIGN FSCM IS 15151, BENDIX FIELD

CORPORATION
COMENTS COLUMBIA, MD. THE DWGS WERE PROVIDED AS
GFE NONE FOR PRODUCTION
THE SWITCHBOARD WAS ALSO MANUFACTURED

BY

THE FOLLOWING:
AMEX SYSTEMS INC. LOS ANGELES CA, UNDER
N00039-83C-0490 SER C
NESEC CHARLESTON SC UNDER SPACE TASK
ORIGINATED BY DYER LAST MODIFIED BY ON PME106-1122-2875-3X0731 SER B

SNAP II Daily Operations



Documentation to support configuration

SNAP II Daily Operations Configuration Documentation



Work candidate
4790/2ks two kilos

SNAP II Daily Operations Configuration Documentation

- SNAP functions effecting shipboard configuration
  - OPNAV 4790/CKs
  - OPNAV 4790/2ks
  - Weekly equipment validations
  - ASI processing

Initiating Maintenance Actions 4790/2k

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS001          *** MAINTENANCE DATA SYSTEM MENU ***
  CSMP Reporting is 005 days overdue
 DYER     - MR. M.E. DYE                    UIC: 20590 USS CARON
 You Have Mail                                      Release: 05.13.05

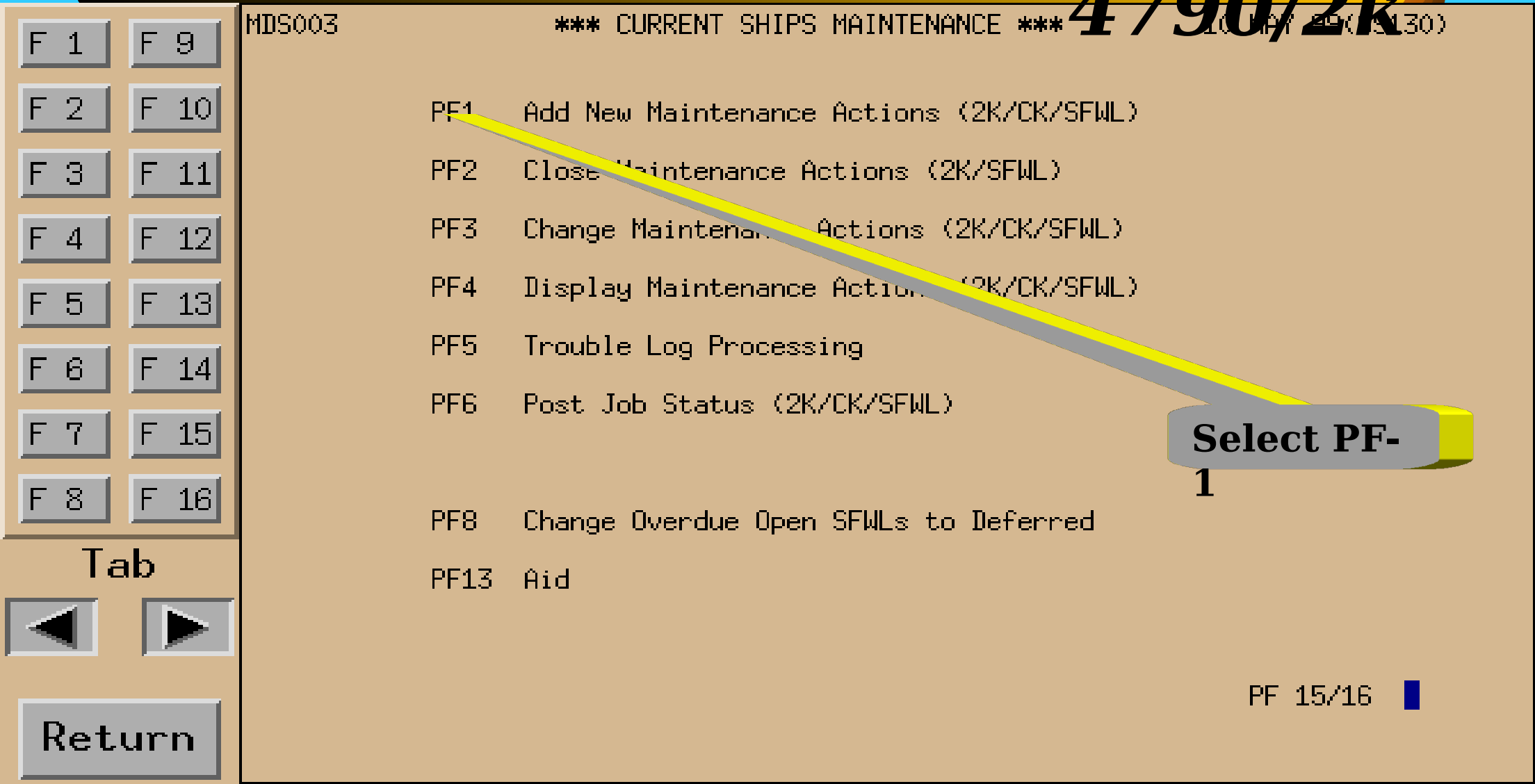
                PF1   Maintenance Actions(CSMP)
                PF2   MEASURE and Ships Tickler files
                PF3   ler Non-Maintenance Related Supplies
                PF4   E    nt Configuration and Logistic Support
                PF5   Wor    e Processing
                PF6   Print    ement Reports
                PF7   Online M    Reports
                PF8   Pre-Transm    ew
                PF9   CSMP Reporti
                PF10  Subsystem Manag

                PF13  Aid

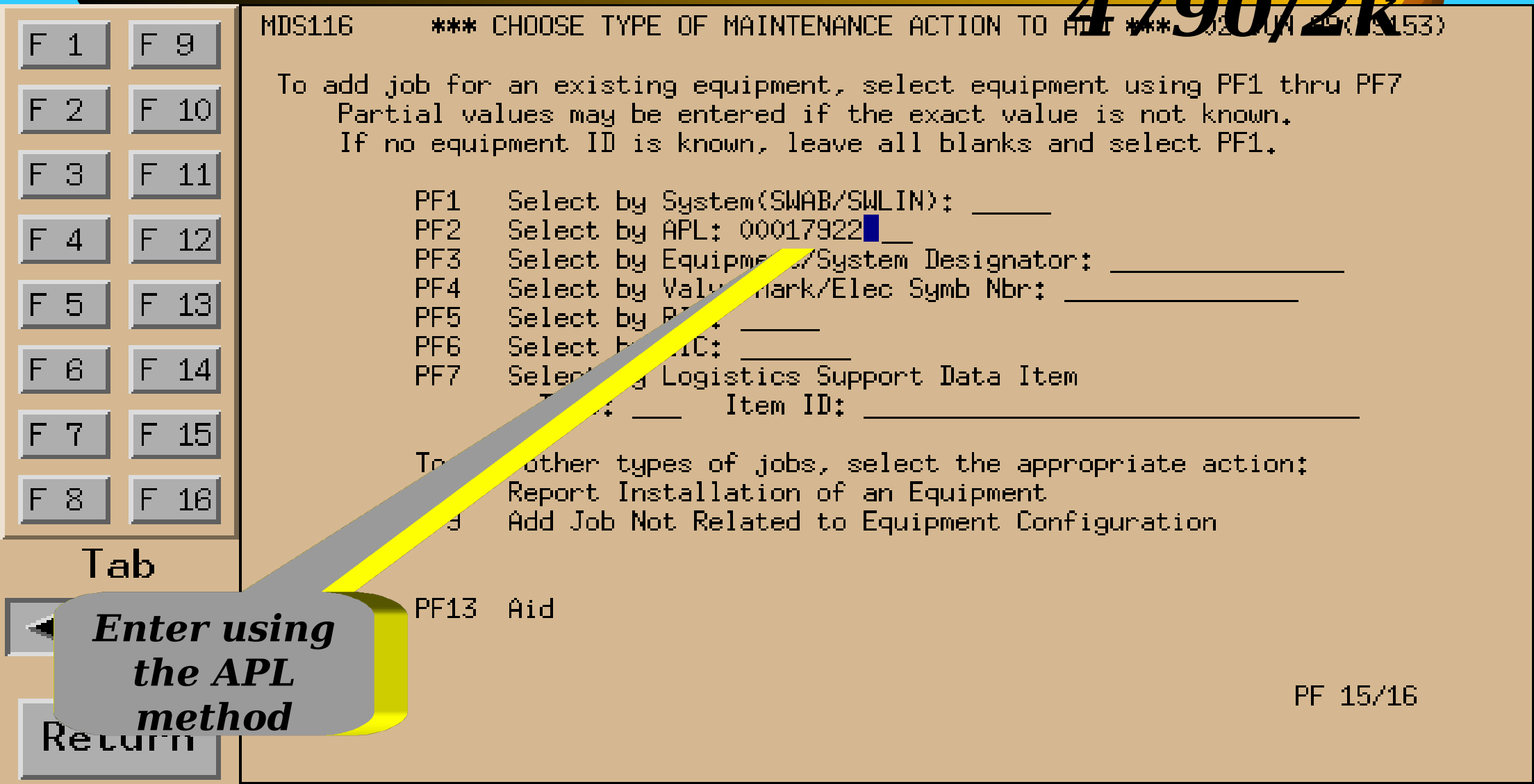
                                                    PF 15/16
```

SELECT PF-1

Initiating Maintenance Actions 4790/2K



Initiating Maintenance Actions 4790/2k


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS116 *** CHOOSE TYPE OF MAINTENANCE ACTION TO
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN): _____
PF2 Select by APL: 00017922__
PF3 Select by Equipm /System Designator: _____
PF4 Select by Valv ark/Elec Symb Nbr: _____
PF5 Select by
PF6 Select
PF7 Sele Logistics Support Data Item
Item ID: _____
To other types of jobs, select the appropriate action:
Report Installation of an Equipment
Add Job Not Related to Equipment Configuration
PF13 Aid
PF 15/16
Enter using the APL method

Initiating Maintenance Actions 4790/2k

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13

```
MDS697              *** EQUIPMENT SUMMARY LIST ***          10-MAR-93(09130)

APL: 00017922    10D265-1(22887), BASIC CONVERTER
     ESD                          Location     WC     Serial Number
                        ISC    Functional Description
 RADDS                        03-154-02-Q     CSE3
                       G     BASIC CONVERTER (SPS-55)
  RADDS                       03-279-0-Q      CSE3
                       G     BASIC CONVERTER (TAS)
  RADDS                       01-138-0-C      CSE3
                       G     BASIC CONVERTER (SPQ-9)
  RADDS                       02-247-0-Q      CSE3
                       G     BASIC CONVERTER (SPS-40)
  RADDS                       03-154-02-Q     CSE3
                       G     BASIC CONVERTER (SPS-64)

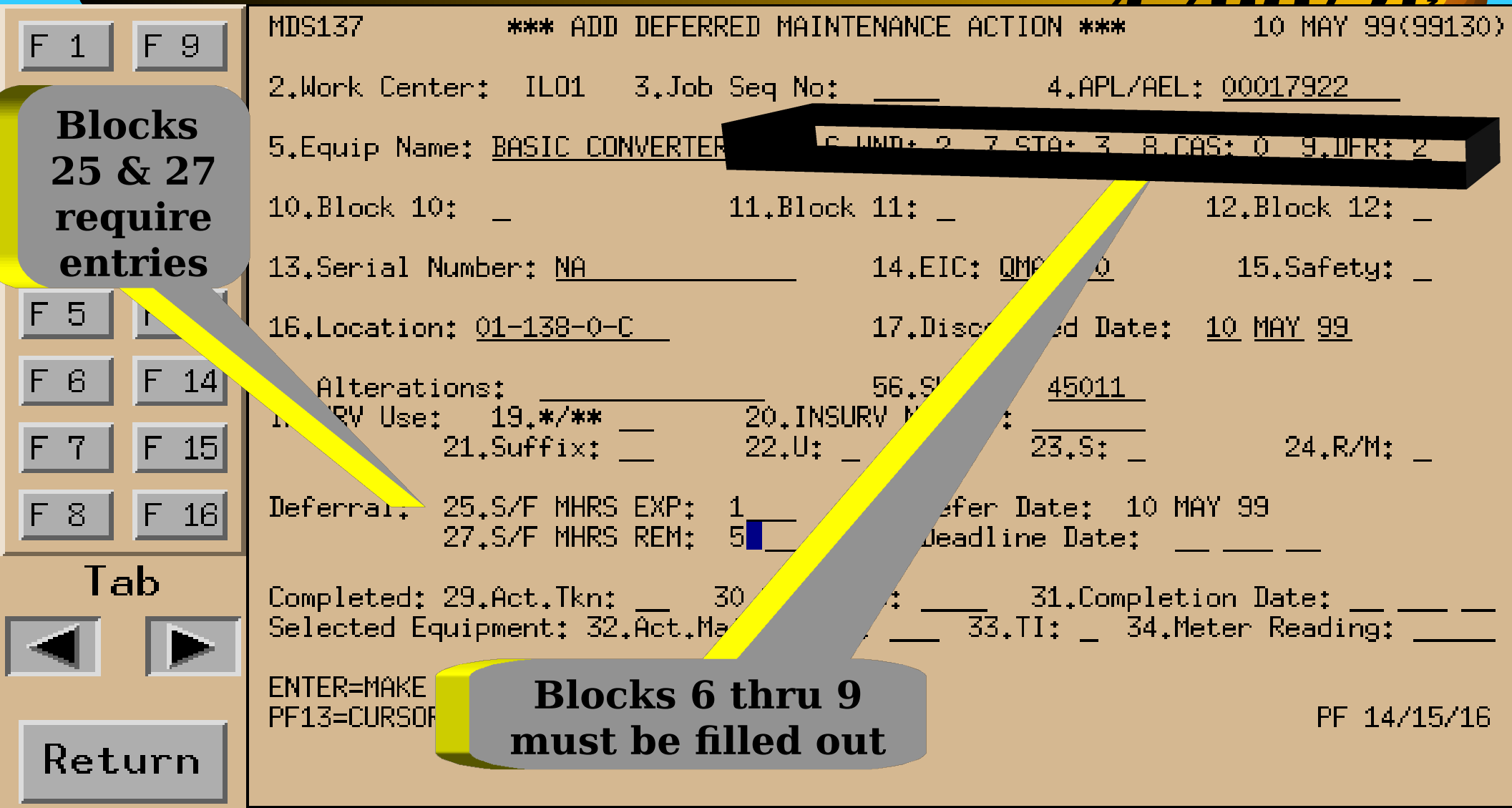
                    Cursor Select Line for ENTER, PF1 and PF2
ENTER=USE THIS RECORD          PF1=DETAIL EQPT INFO   PF2=REVIEW RELATED INFO
PF4=PREV SCREEN
                                                      PF13=AID   PF 15/16
```

Return

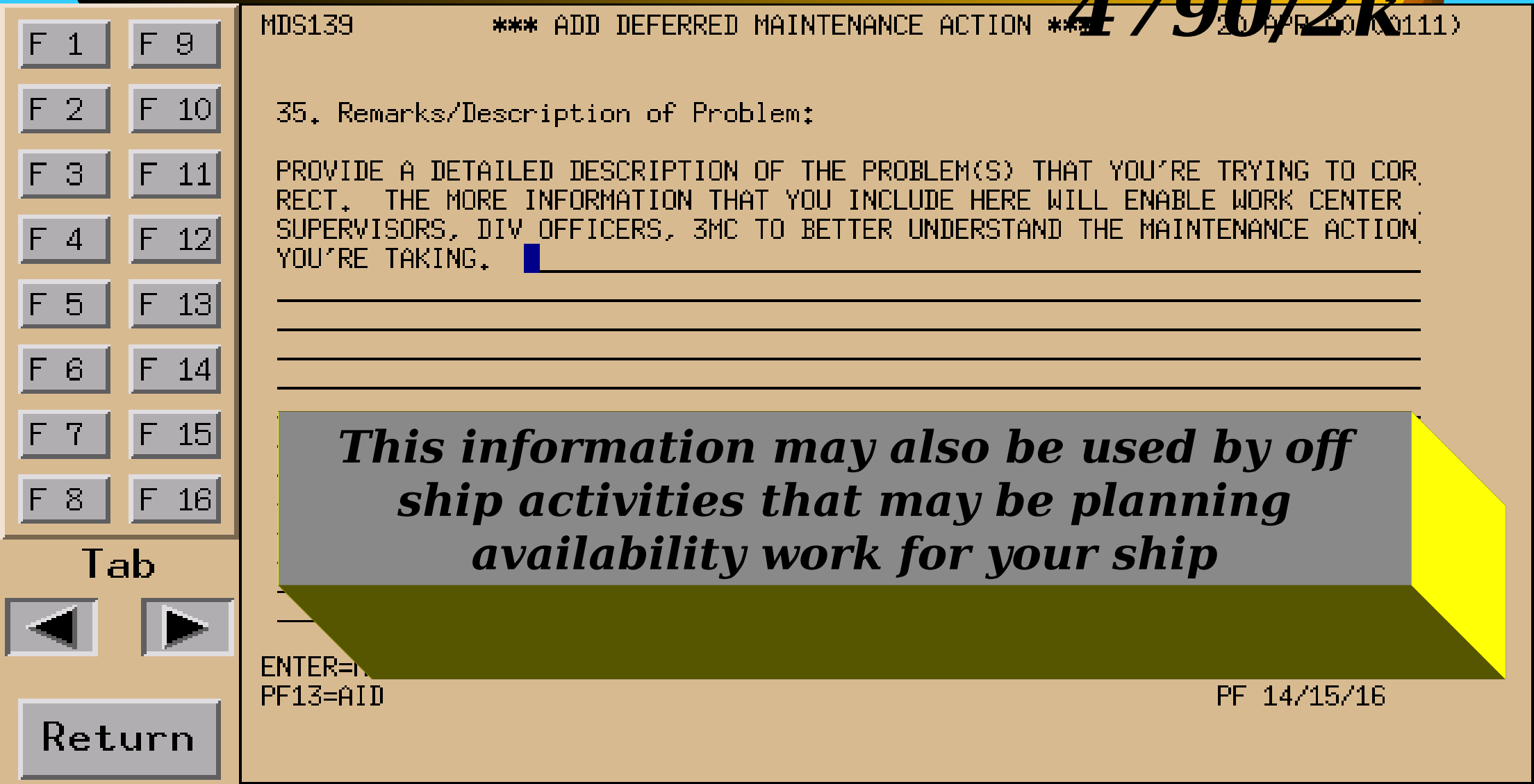
Select Enter when you have the correct record

Don't forget to always look at the additional data!

Initiating Maintenance Actions 4790/2L

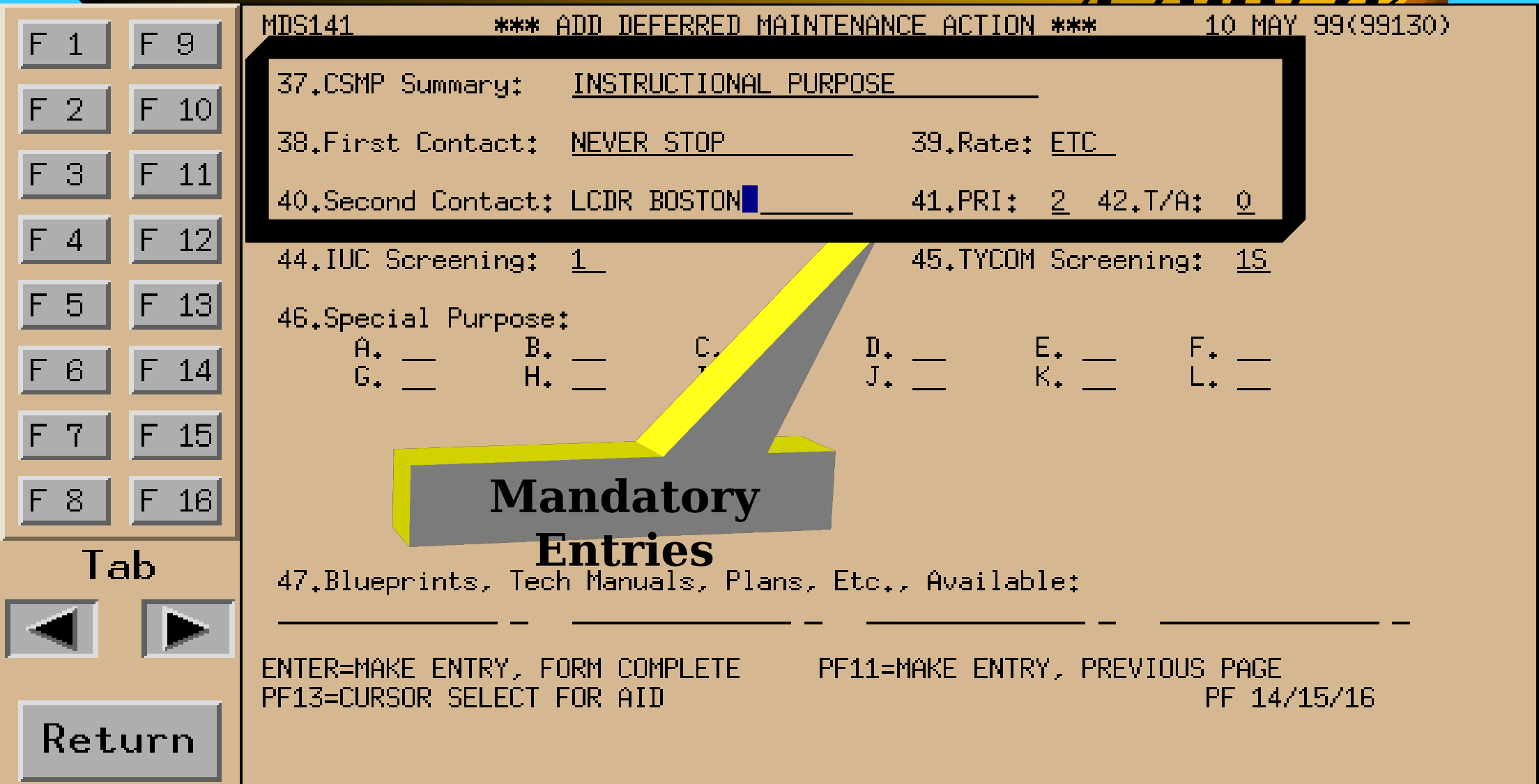

F 1
F 9
F 5
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS137 *** ADD DEFERRED MAINTENANCE ACTION *** 10 MAY 99(99130)
2.Work Center: ILO1 3.Job Seq No: ____ 4.APL/AEL: 00017922
5.Equip Name: BASIC CONVERTER
6.WND: 2 7.STA: 3 8.CAS: 0 9.DFR: 2
10.Block 10: _ 11.Block 11: _ 12.Block 12: _
13.Serial Number: NA 14.EIC: QMA 0 15.Safety: _
16.Location: 01-138-0-C 17.Disc ed Date: 10 MAY 99
Alterations: 56.S 45011
RV Use: 19.*/** __ 20.INSURV
21.Suffix: __ 22.U: _ 23.S: _ 24.R/M: _
Deferral: 25.S/F MHRS EXP: 1 efer Date: 10 MAY 99
27.S/F MHRS REM: 5 eadline Date: __ ___ __
Completed: 29.Act.Tkn: __ 30 : ____ 31.Completion Date: __ ___ __
Selected Equipment: 32.Act.Ma ___ 33.TI: _ 34.Meter Reading: _____
ENTER=MAKE
PF13=CURSOR
PF 14/15/16
Blocks 25 & 27 require entries
Blocks 6 thru 9 must be filled out

Initiating Maintenance Actions 4790/2k

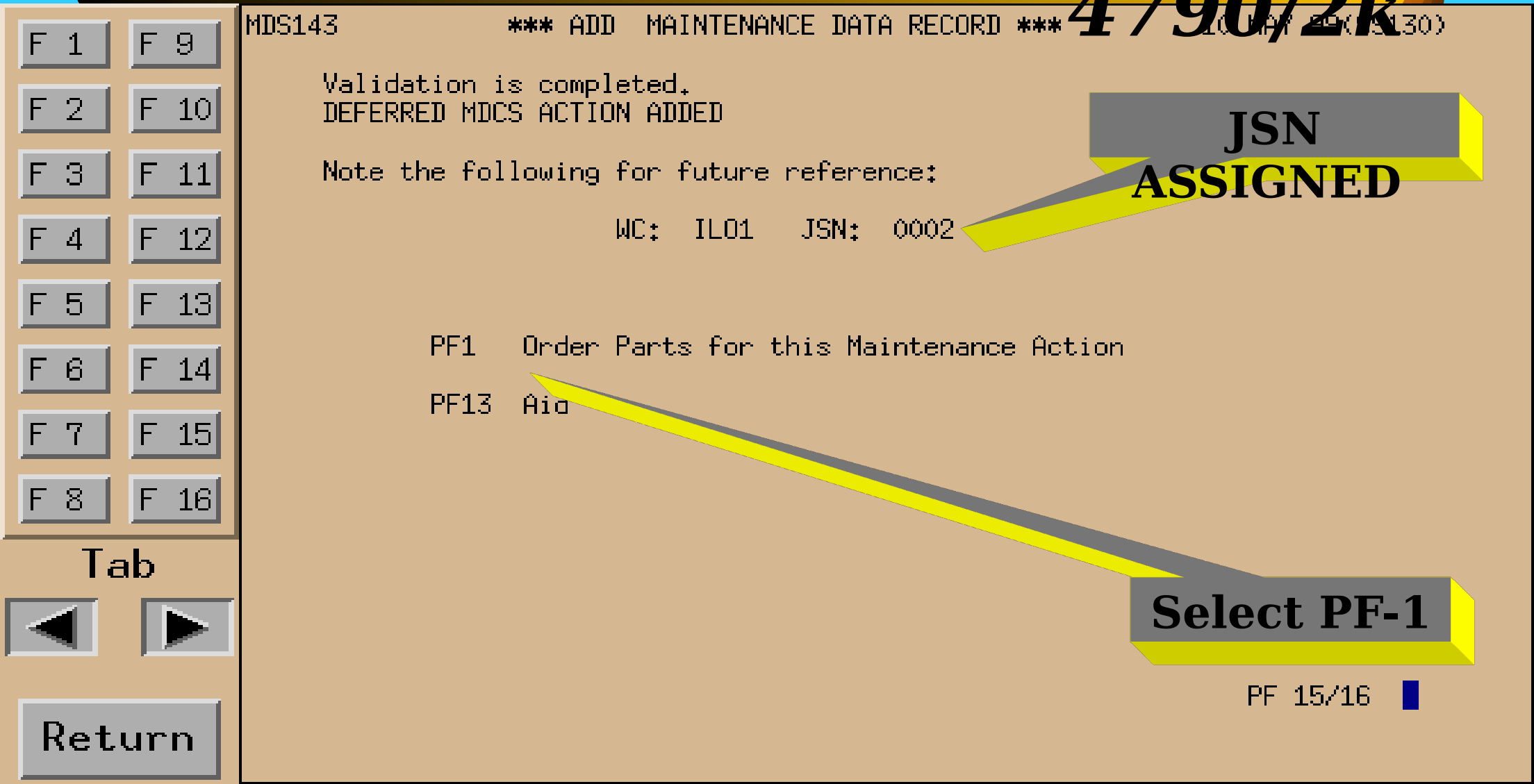


This information may also be used by off ship activities that may be planning availability work for your ship

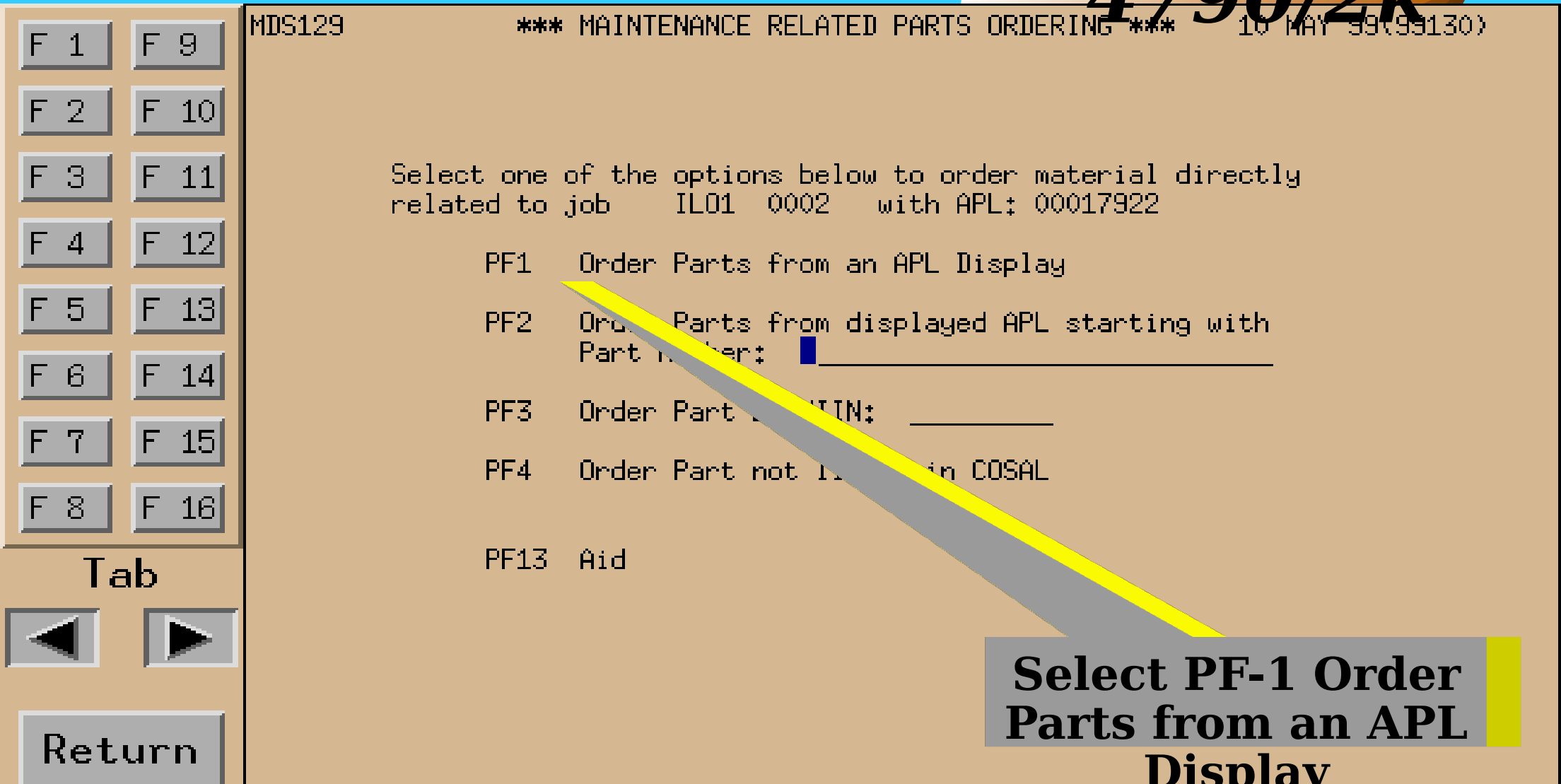
Initiating Maintenance Actions 4790/2L



Initiating Maintenance Actions 4790/2k



Initiating Maintenance Actions 4790/2k



Initiating Maintenance Actions 4790/2k

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS131          *** ORDER PARTS SELECTION LIST ***   16 MAY 89 (0130)


Equipment:  BASIC CONVERTER          JCN:  ILO1 0002        APL:  00017922
Required Delivery Date:  _ ___ __  (Turn-in:A=Available,N=Not Avlble,D=Delayed)
(COS Rpl:H=HM&E M=MAM R=RSS N=NW B=BH O=OSI L=LMP S=SW)   Type   COS     F/ Turn
   Part Number/Alternate APL   Nomenclature     NIIN   UI Avl    Rpl Qty PR  in
    01-0901-6359               GASKET       013676599 EA H       H _____ _
    10-36565-142               GROMMET,NONM 004324631 EA H       H _____ _
    100-000-043                POLARIZING K 013041974 EA H       H _____ _
    100-064-053                CONNECTOR,RE 012972239 EA H       H _____ _
    11D393-1                   POWER SUPPLY 014185007 EA H       H _____ _
    123-144                    LUG-TERM     005210227 EA H       H _____ _
   *12D1420-1                  CIRCUIT CARD 013598691 EA H       H _____ _
   *12D1421-1                  CIRCUIT CARD 013598692 EA H       H _____ _
   *12D1422-1                  CIRCUIT CARD 013598693 EA H       H _____ _
    12D1423-1                  CIRCUIT CARD 013723264 EA H       H _____ _
   *12D1426-1                  CIRCUIT CARD 013598694 EA H       H _____ _
    12D1428-1                  EXTENDER CAR 013722174 EA H       H _____ _
    12D1429-1                  CIRCUIT CARD 013677572 EA H       H _____ _
    13-184-4                   FERRULE,ELEC 013696647 EA H       H _____ _
    140C043-1                  OSCILLATOR,C 013678843 EA H       H _____ _
 ENTER=NEXT PAGE   PF1=ORDER PARTS   PF2=STOCK CHECK PARTS
 PF4=*SUPP NOMEN   PF5=COSAL FEEDBACK                 PF13=AID  PF14/15/16
```

SNAP II Daily Operations Configuration Documentation



Configuration changes
4790/CKs Charlie kilos

Initiating Configuration Changes 4790/CKs

- Charlie kilos 4790/CKs
  - Equipment installation
  - Removal
  - Alteration
- Maintenance personnel must ensure reporting of all above actions to ensure proper logistic support for their equipment

Adding a New Eqpt Entry Starting From Scratch 4790-CK

- Unknown APL/AELs
  - Only in the rarest of circumstances will you not be able to identify the correct APL/AEL
  - If you're unable to identify the APL ensure you provide complete name plate data

Adding a New Eqpt Entry Starting From Scratch 4790-CK

- APLs should be constructed in the following format when none can be identified from available resources

X + UIC + Julian date + serial

Ship's Configuration Form 4790 CK Section I

SHIP'S CONFIGURATION FORM	OPNAV 4790/CK	CONFI…		COMP DEFL

SECTION I JOB IDENTIFICATION

JOB CONTROL NUMBER			ALTERATION IDENTIFICATION
1. SHIP'S UIC 20590	2. WORK CENTER CSF1	EQ NO	4. ALTERATIONS (SHIPALT, FIELD CHANGE, ETC.) SHIPALT 0457K

A. SHIP'S NAME: USS CARON	B. HULL NUMBER DD970	…IC …000000	6. ACT TKN 5B

7. EQUIPMENT NOUN NAME	…MHRS	9. ACT MAINT	10. COMP DATE

WORK CENTER LOCATION OF EQUPT

4. SHIPALT

Alteration Driving Configuration Record

Ship's Configuration Form 4790 CK Section I

SHIP'S CONFIGURATION FORM	OPNAV 4790/CK	CONFIG FILE CORR		COMP M/A NO DEFL		COMP DEFL

SECTION I JOB IDENTIFICATION

JOB CONTROL NUMBER			ALTERATION IDENTIFICATION
1. SHIP'S UIC 20590	2. WORK CENTER **CSF1**	3. JOB SEQ NO	4. ALTERATIONS (SHIPALT, FIELD CHANGE, ETC.) **SHIPALT 0457K**

A. SHIP'S NAME: USS CARON	B. HULL NUMBER: DD970	5.EIC M5000000	6. ACT TKN **5B**

7. EQUIPMENT NOUN NAME	8. S/F MHRS EXP	9. ACT MAIN	COMP DATE

6. ACTION TAKEN

5A-5B-5C-5D

Ship's Configuration Form 4790 CK Section II

SECTION II JOB DESCRIPTION/REMARKS

12. JOB DESCRIPTION/REMARKS
UNDER THE V LINES BHD DECKS -
STABILITY UPGRADE INSTALL ALARM SWITCH
BOARD IC/SM 4 ALARM SWBD 3448-120

SECTION II JOB DESCRIPTION/REMARKS
12. JOB DESCRIPTION/REMARKS UNDER THE V LINES BHD DECKS STABILITY UPGRADE INSTALL ALARM SWITCH BOARD IC/SM 4 ALARM SWBD 3448-120

Ship's Configuration Form 4790 CK Section III

SECTION III COMPONENT CONFIGURATION CHANGE IDENTIFICATION

13. COMPONENT NOUN NAME SWITCH BOARD ALARM	14 QTY 001	15. CA I
16. [illegible] IDENTIFICATION SWI[illegible]	17. COMPONENT SERIAL NUMBER MSAT19 (3408)	
18. COM[illegible] 221570010	[illegible] (DECK/FRAM/SIDE)	20. EIC M5000000
21. NEXT HI[illegible]	[illegible]	23. WORK CENTER
24. NAMEPLATE [illegible]		
25. MIP		
27. TM		

13. COMPONENT NOUN NAME

SWITCH BOARD ALARM

Ship's Configuration Form 4790 CK Section III

SECTION III COMPONENT CONFIGURATION CHANGE IDENTIFICATION

13. COMPONENT NOUN NAME SWITCH BOARD ALARM		14 QTY	CA I
16. COMPONENT IDENTIFICATION SWITCHBOARD ALM ICSM 4		17. COMPONENT MSAT10	
18. COMPONENT APL/AEL 221570010	19. LOCATION		
21. NEXT HIGHER ASSEMBLY			WORK CENTER 05
24. NAMEPLATE DATA			
25. MIP			
27. TM			

15. COMPONENT ACTION

Removed (R) Installed (I)
Modified (M)

Ship's Configuration Form 4790 CK Section III

SECTION III COMPONENT CONFIGURATION CHANGE IDENTIFICATION

13. COMPONENT NOUN NAME SWITCH BOARD	14 QTY 001	15. CA I
16. COMPONENT SWITCHBOARD ALM	17. COMPONENT SERIAL NUMBER MSAT19 (3408)	
18. COMPONENT APL/ 221570010	/SIDE)	20. EIC M5000000
21. NEXT HIGHER ASSE		23. WORK CENTER
24. NAMEPLATE DATA		
25. MIP		
27. TM		

16. COMPONENT IDENTIFICATION

Local ID #s/ Valve MK/Station #, etc.

Ship's Configuration Form 4790 CK Section III

SECTION III COMPONENT CONFIGURATION CHANGE IDENTIFICATION

13. COMPONENT NOUN NAME SWITCH BOARD ALARM	14 QTY 001	15. CA I
16. COMPONENT IDENTIFICATION SWITCHBOARD ALM ICSM 4	17. COMPONENT SERIAL NUMBER MSAT19 (3408)	
18. COMPONENT APL/AEL 221570010	CATION (DECK/FRAM/SIDE)	20. EIC M5000000
21. NEXT HIGHER ASSEMBLY	22. SAC	23. WORK CENTER EE05
24. NAMEPLATE DATA		
25. MIP		
27. TM		

18. COMPONENT APL/AEL

19. Location Obvious

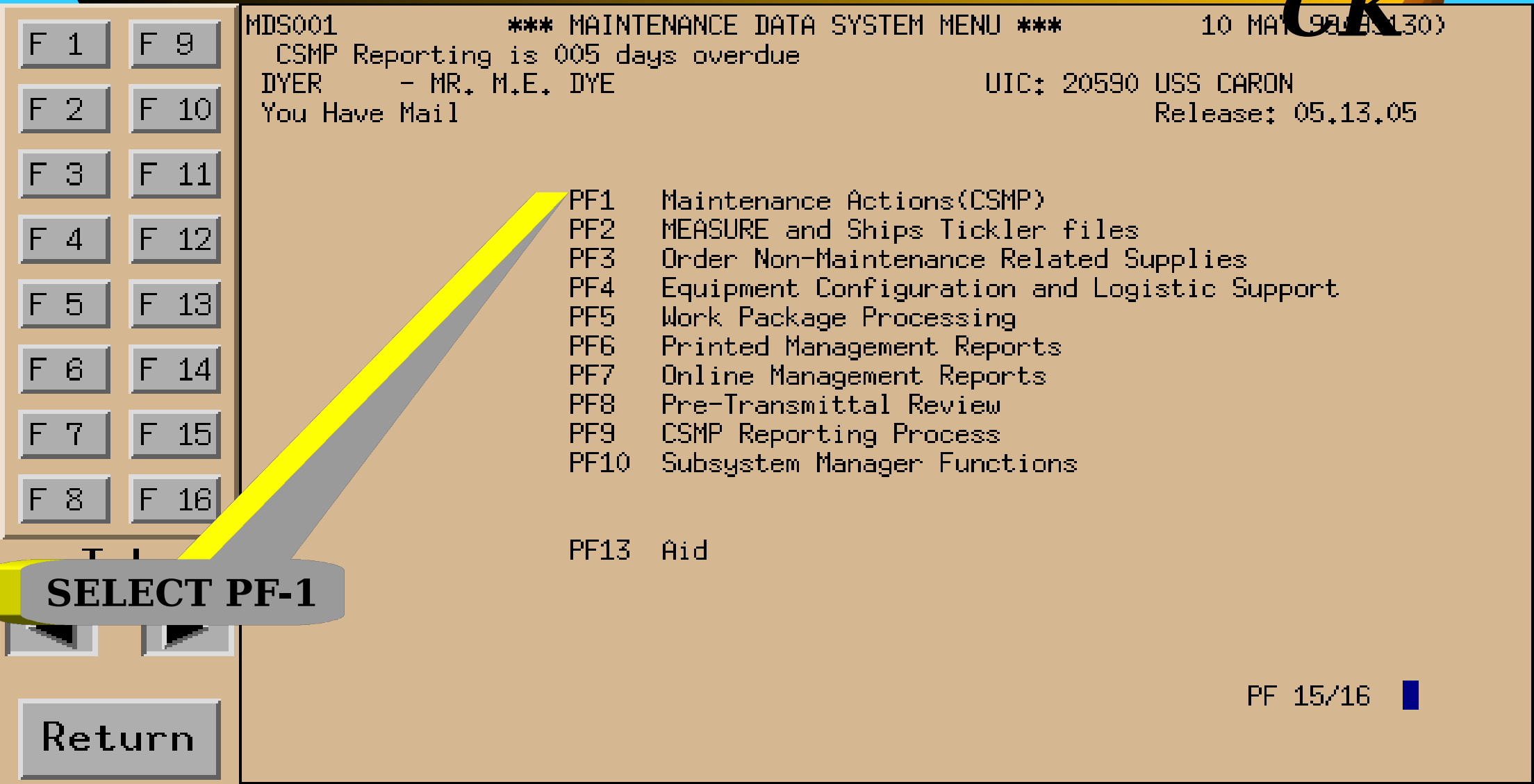
Ship's Configuration Form 4790 CK Section III

SECTION III COMPONENT CONFIGURATION CHANGE IDENTIFICATION

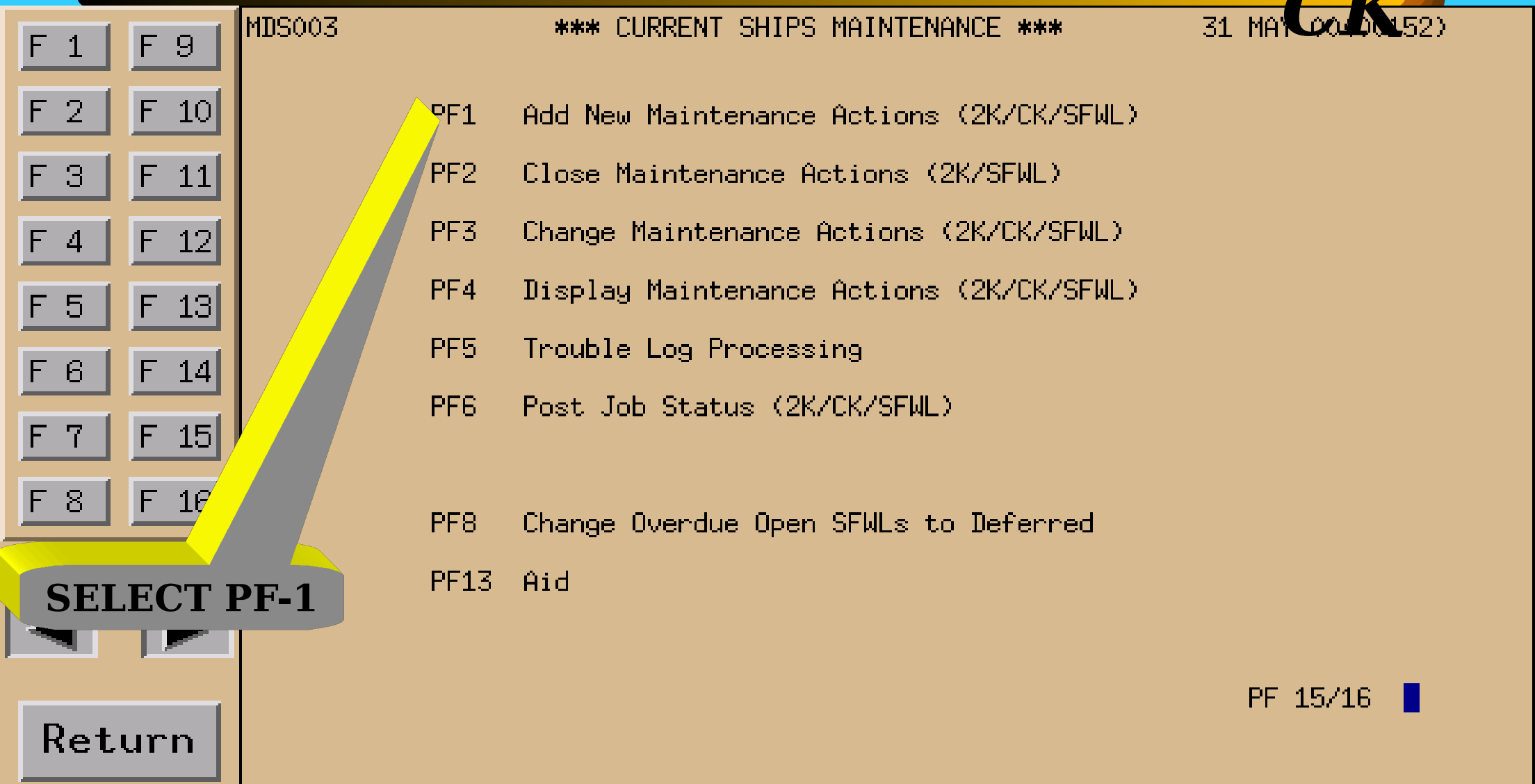
13. COMPONENT NOUN NAME SWITCH BOARD ALARM		14 QTY 001	15. CA I
16. COMPONENT IDENTIFICATION SWITCHBOARD ALM ICSM 4	17. COMPONENT SERIAL NUMBER MSAT19 (3408)		
18. COMPONENT APL/AEL 221570010	19. LOCATION (DECK/FRAM/SIDE) 2-272-0-C	EIC 00000	
21. NEXT HIGHER ASSEMBLY		23. WORK CENTER EE05	
24. NAMEPLATE DATA			
25. MIP			
27. TM			

23. Work Center Responsible for maintenance of equipment

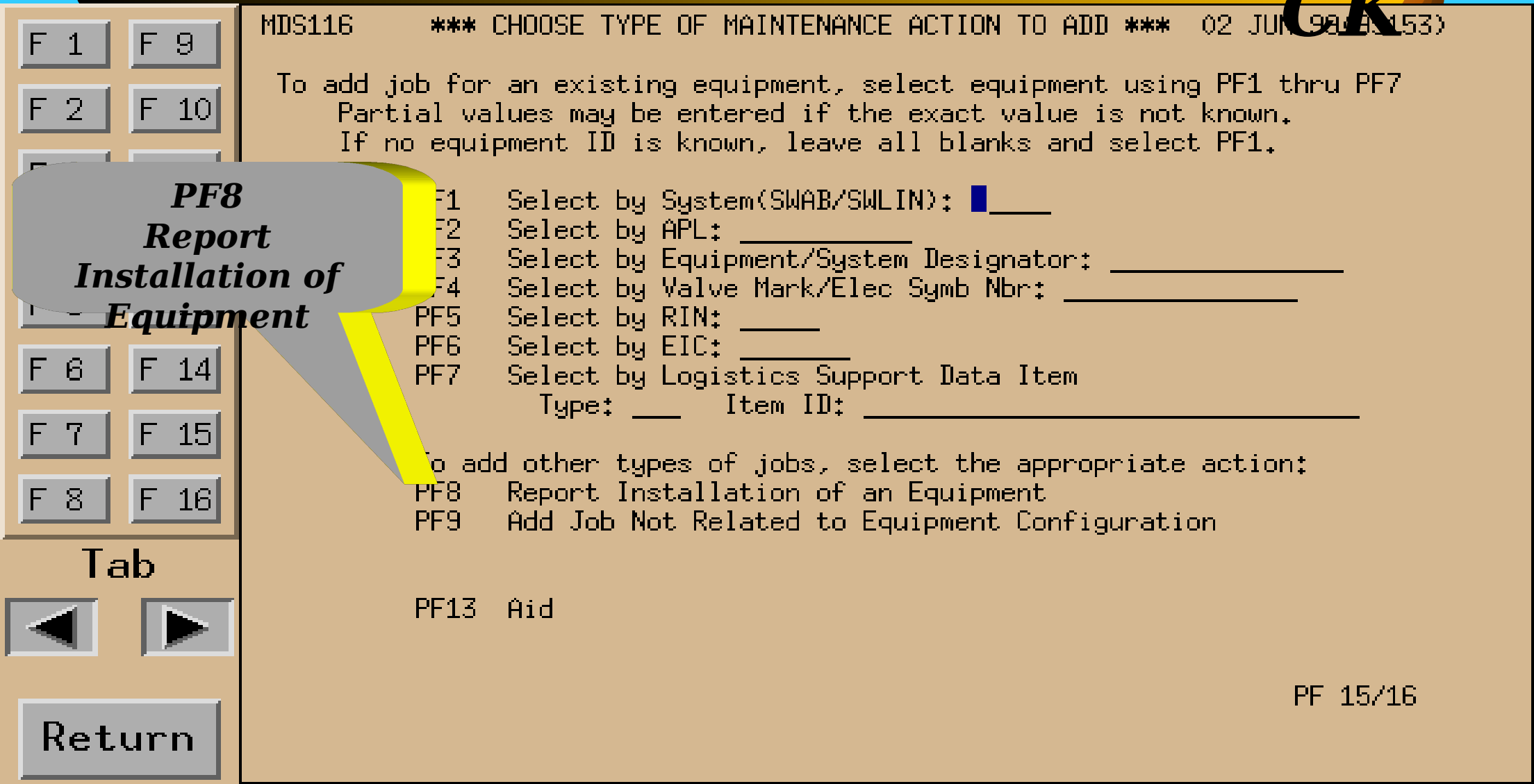
Adding a New Eqpt Entry Starting From Scratch 4790-CK



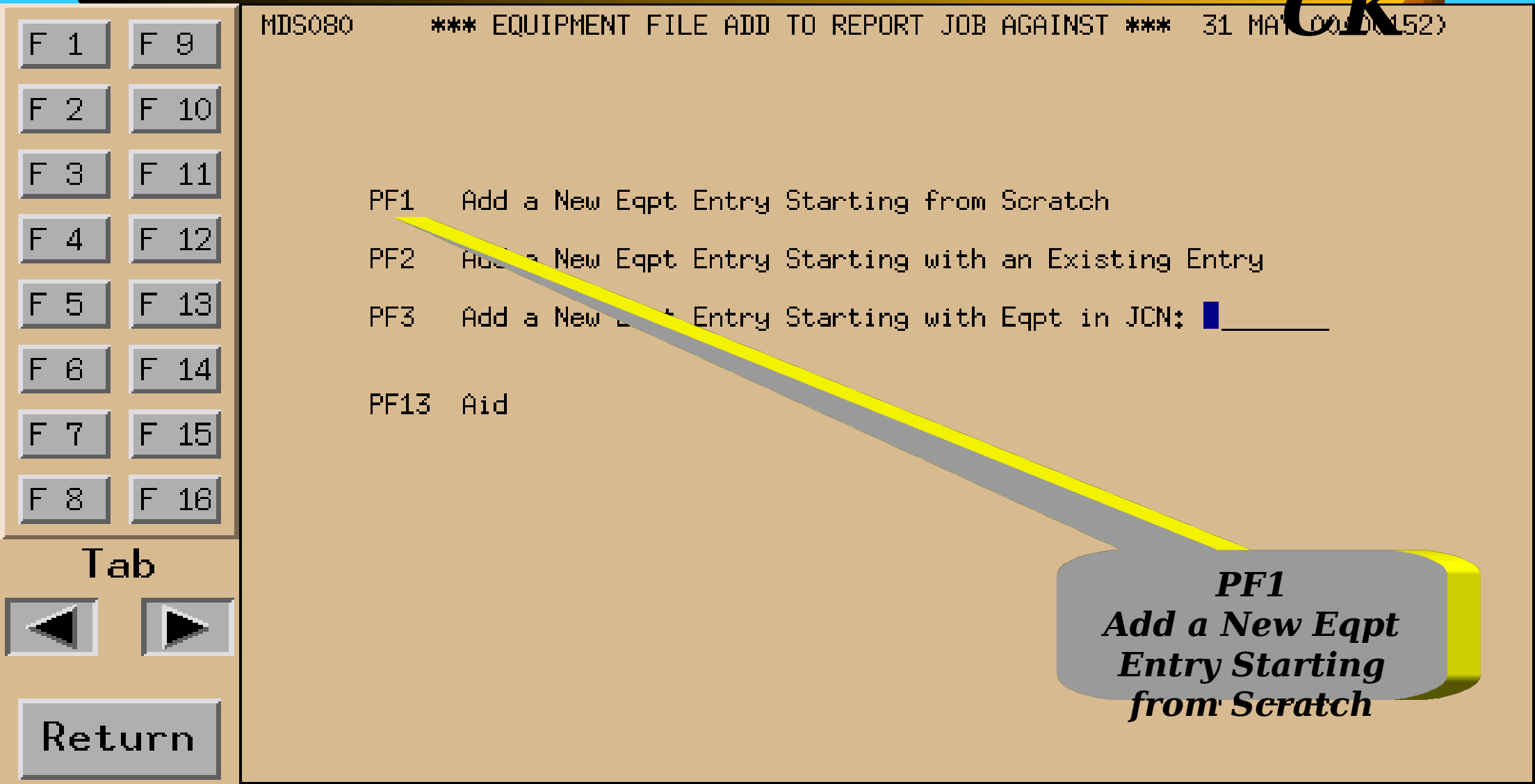
Adding a New Eqpt Entry Starting From Scratch 4790-CK



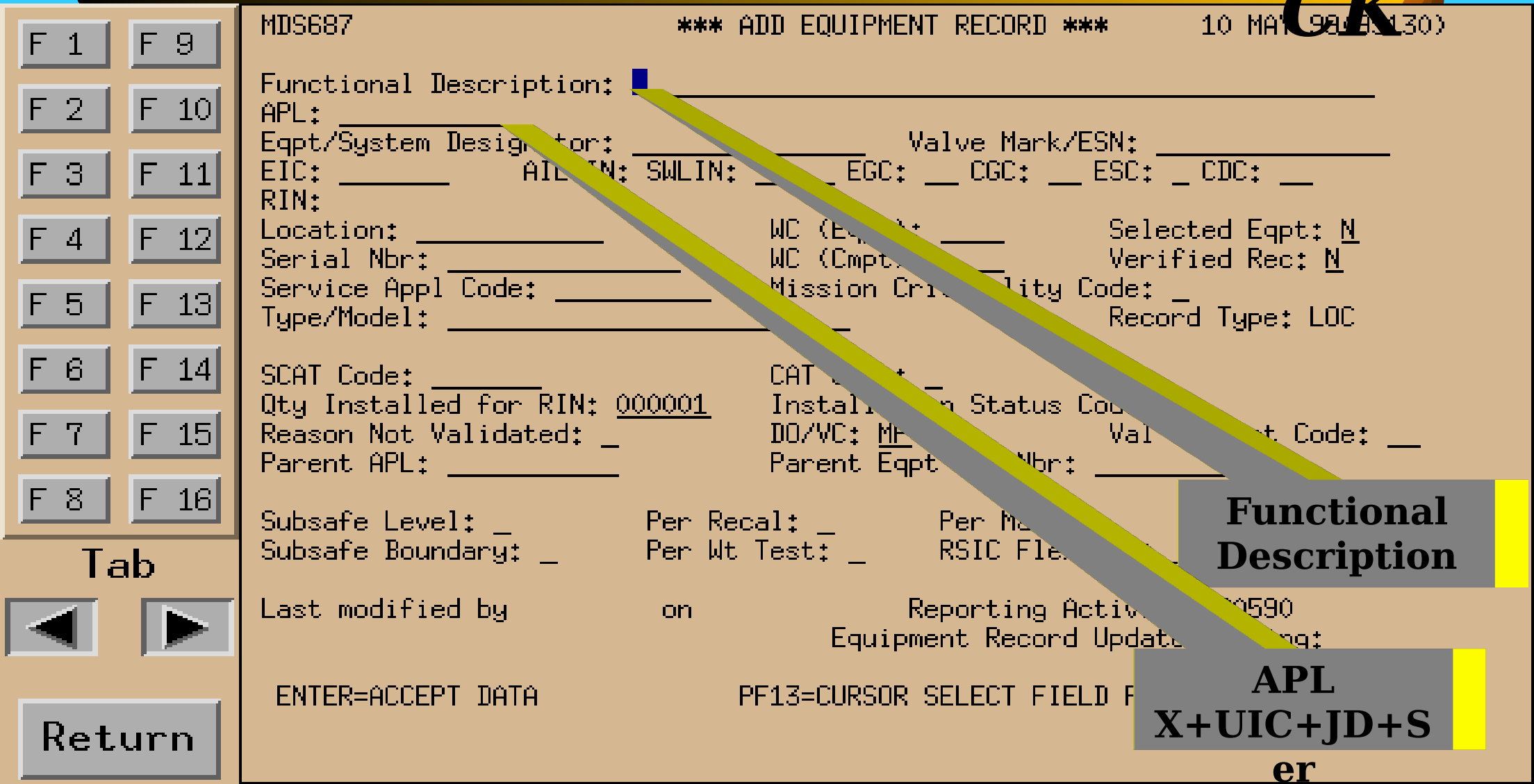
Adding a New Eqpt Entry Starting From Scratch 4790-CK


F 1
F 9
F 2
F 10
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
PF8
Report
Installation of
Equipment
MDS116 *** CHOOSE TYPE OF MAINTENANCE ACTION TO ADD *** 02 JUN
To add job for an existing equipment, select equipment using PF1 thru PF7
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
F1 Select by System(SWAB/SWLIN):
F2 Select by APL:
F3 Select by Equipment/System Designator:
F4 Select by Valve Mark/Elec Symb Nbr:
PF5 Select by RIN:
PF6 Select by EIC:
PF7 Select by Logistics Support Data Item
Type: Item ID:
To add other types of jobs, select the appropriate action:
PF8 Report Installation of an Equipment
PF9 Add Job Not Related to Equipment Configuration
PF13 Aid
PF 15/16

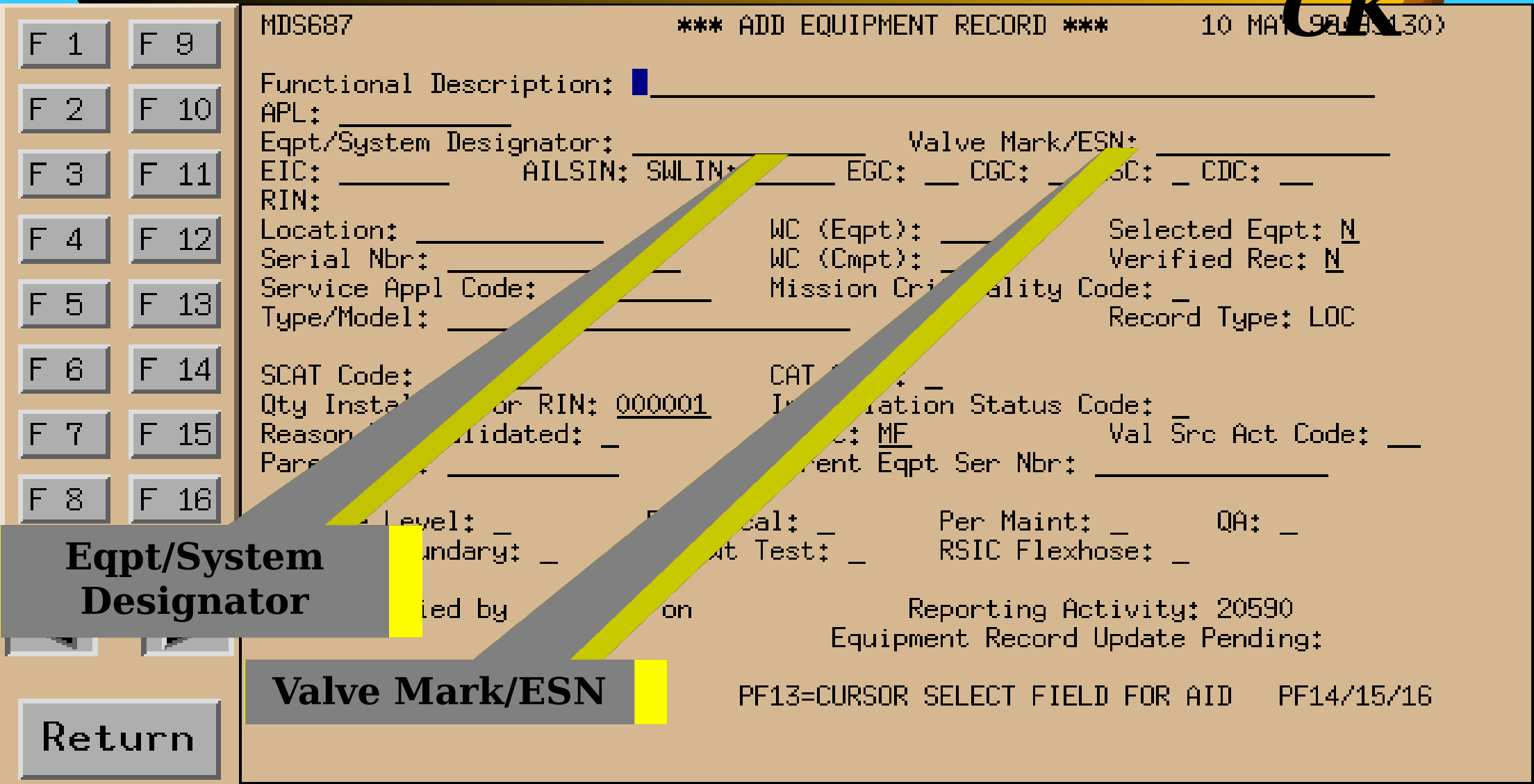
Adding a New Eqpt Entry Starting From Scratch 4790-CK



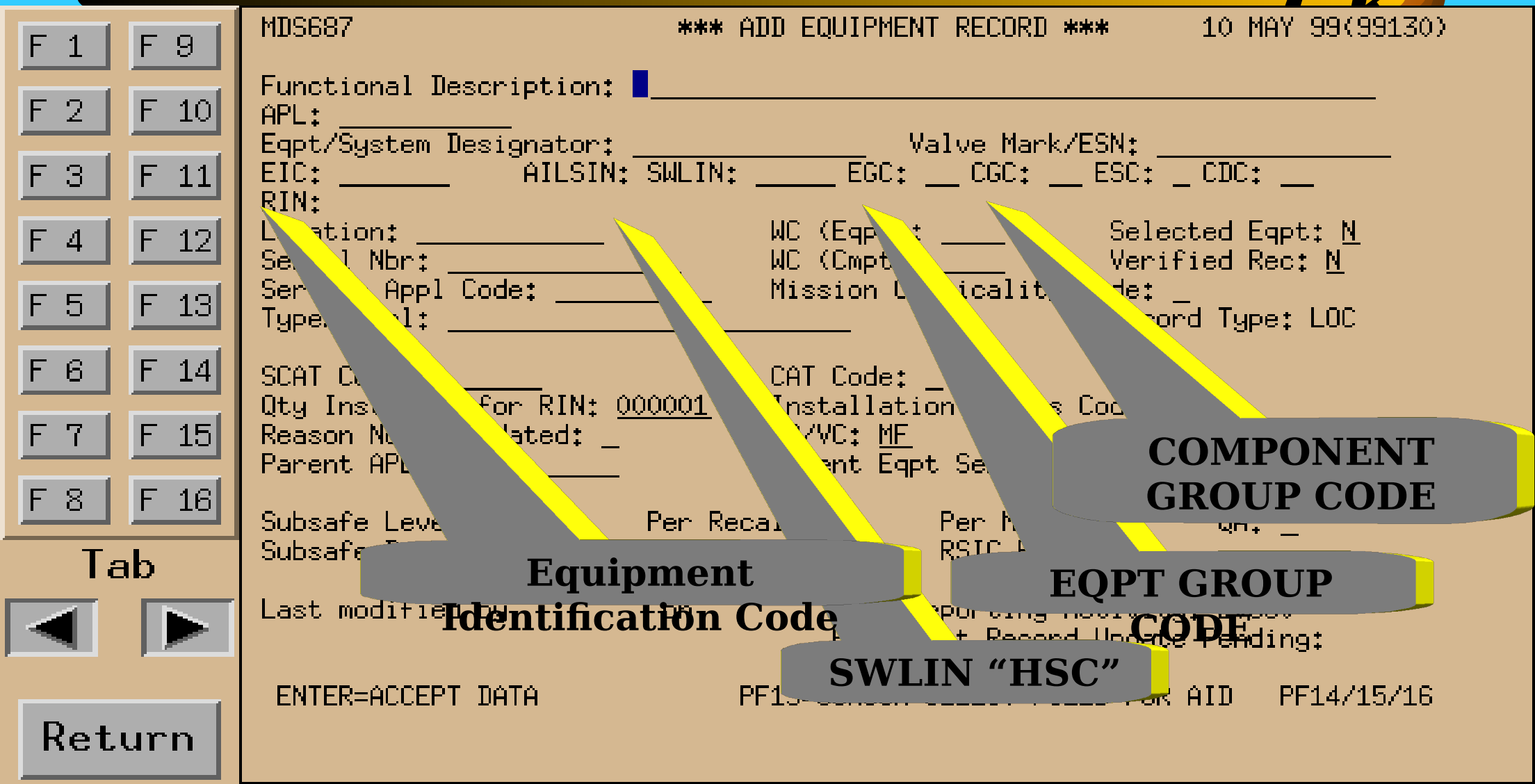
Adding a New Eqpt Entry Starting From Scratch 4790-CK



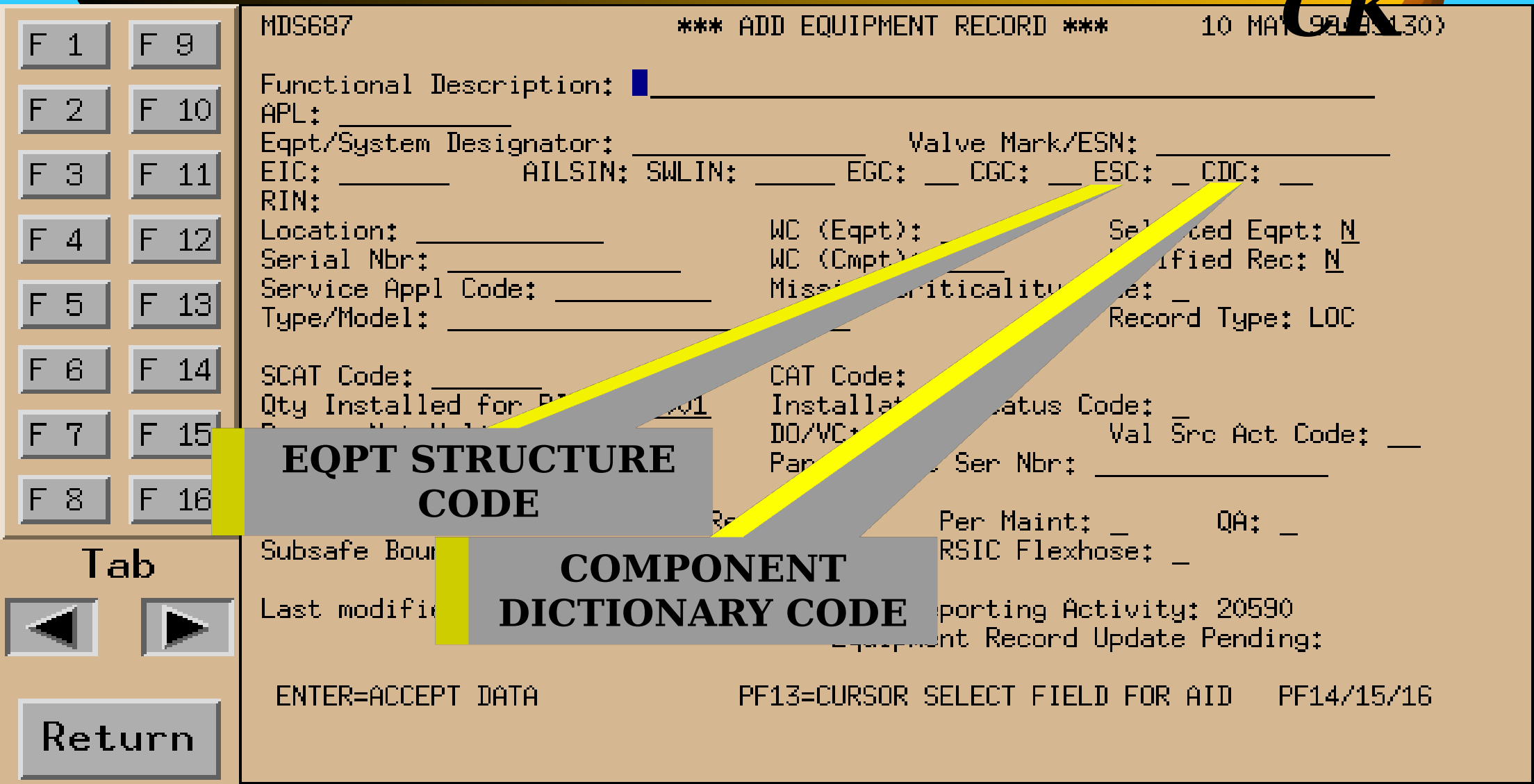
Adding a New Eqpt Entry Starting From Scratch 4790-CK



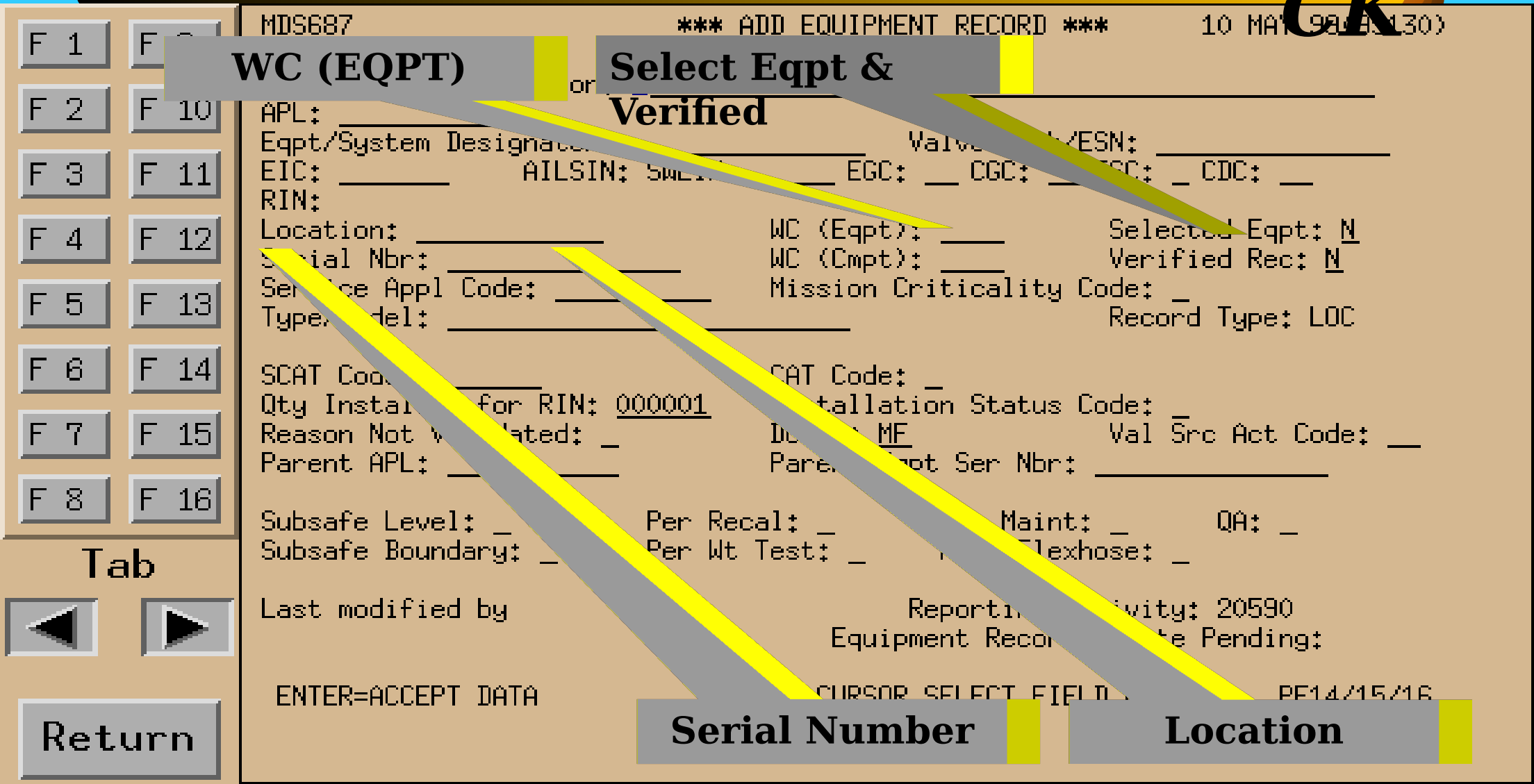
Adding a New Eqpt Entry Starting From Scratch 4790-CK



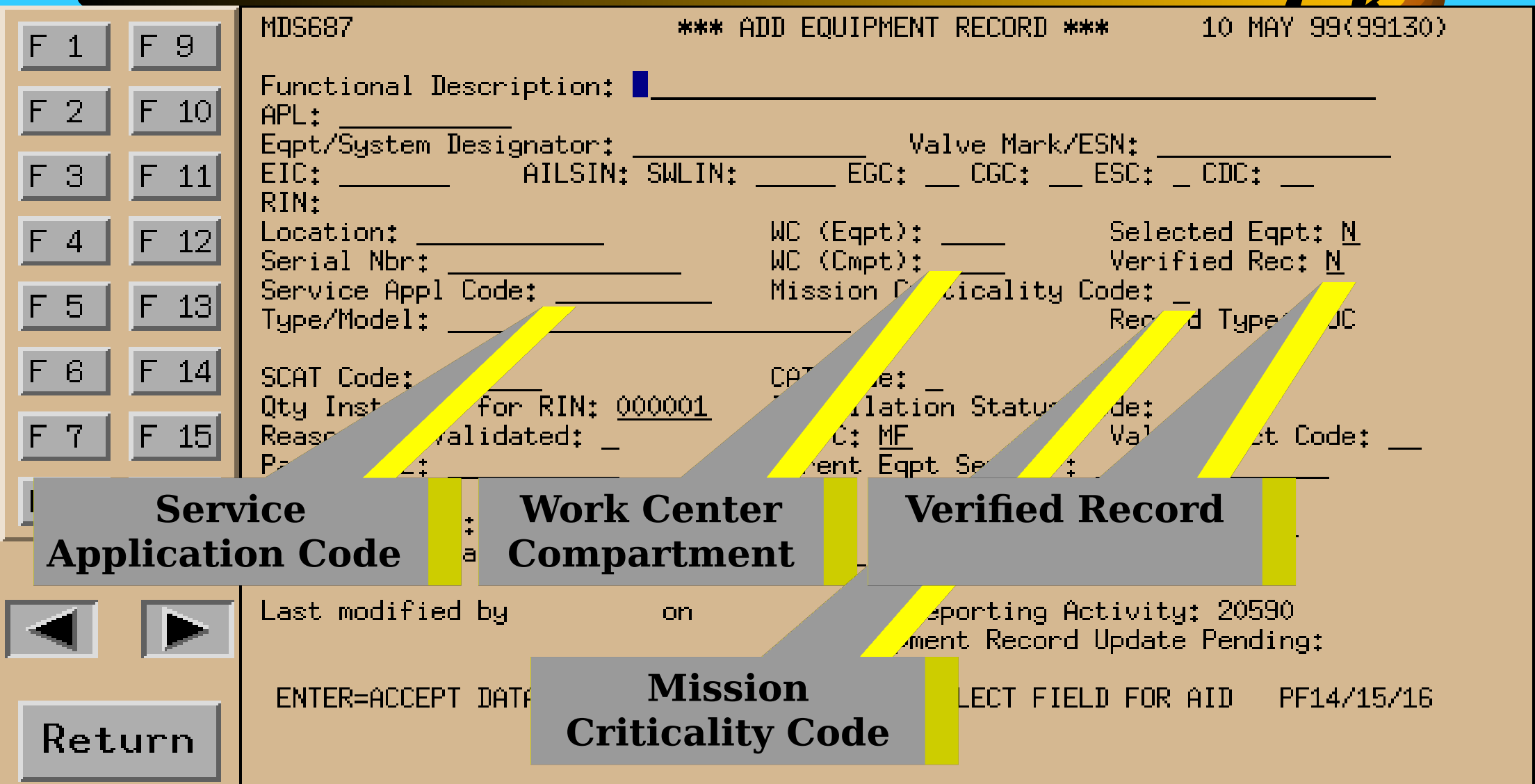
Adding a New Eqpt Entry Starting From Scratch 4790-CK



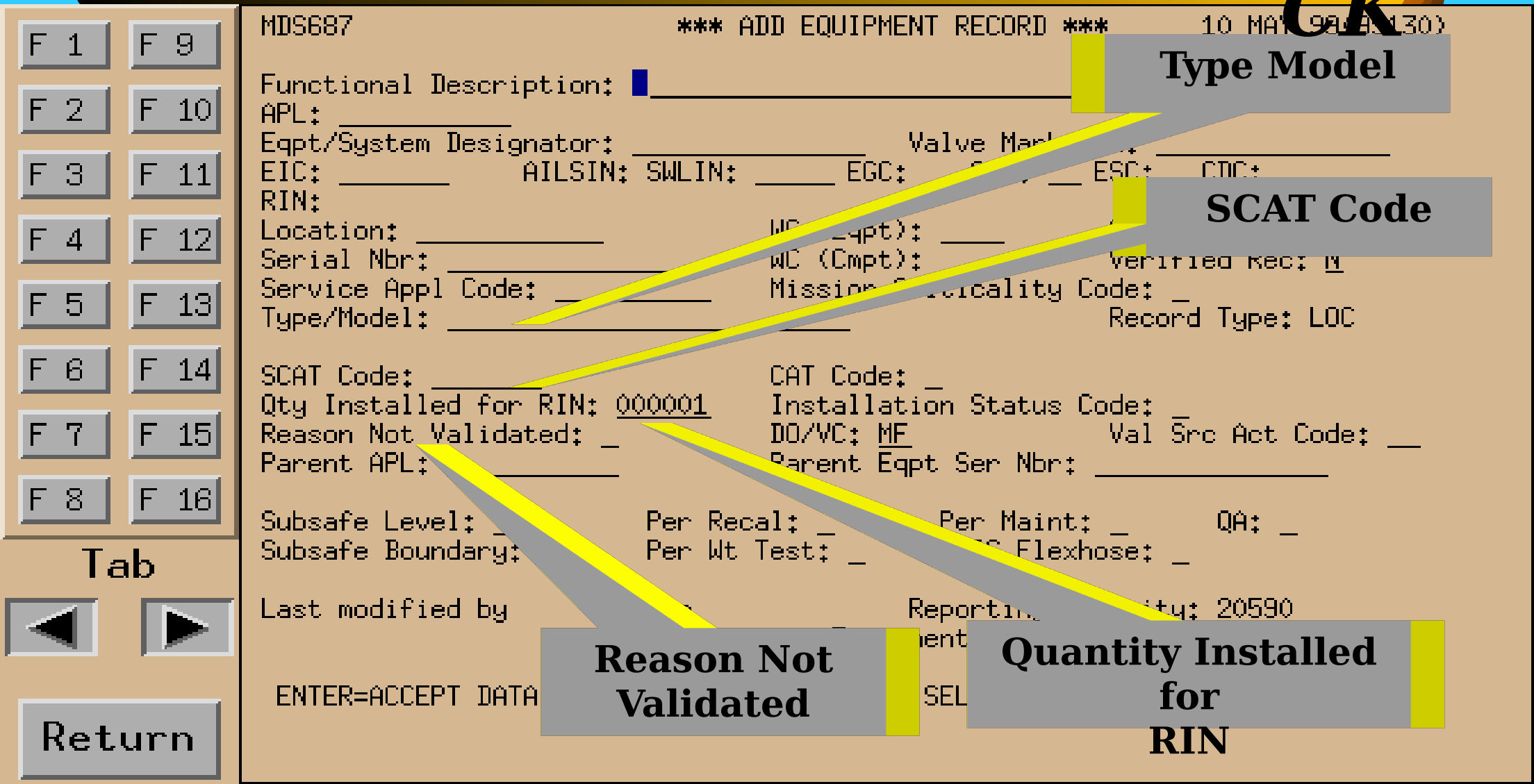
Adding a New Eqpt Entry Starting From Scratch 4790-CK



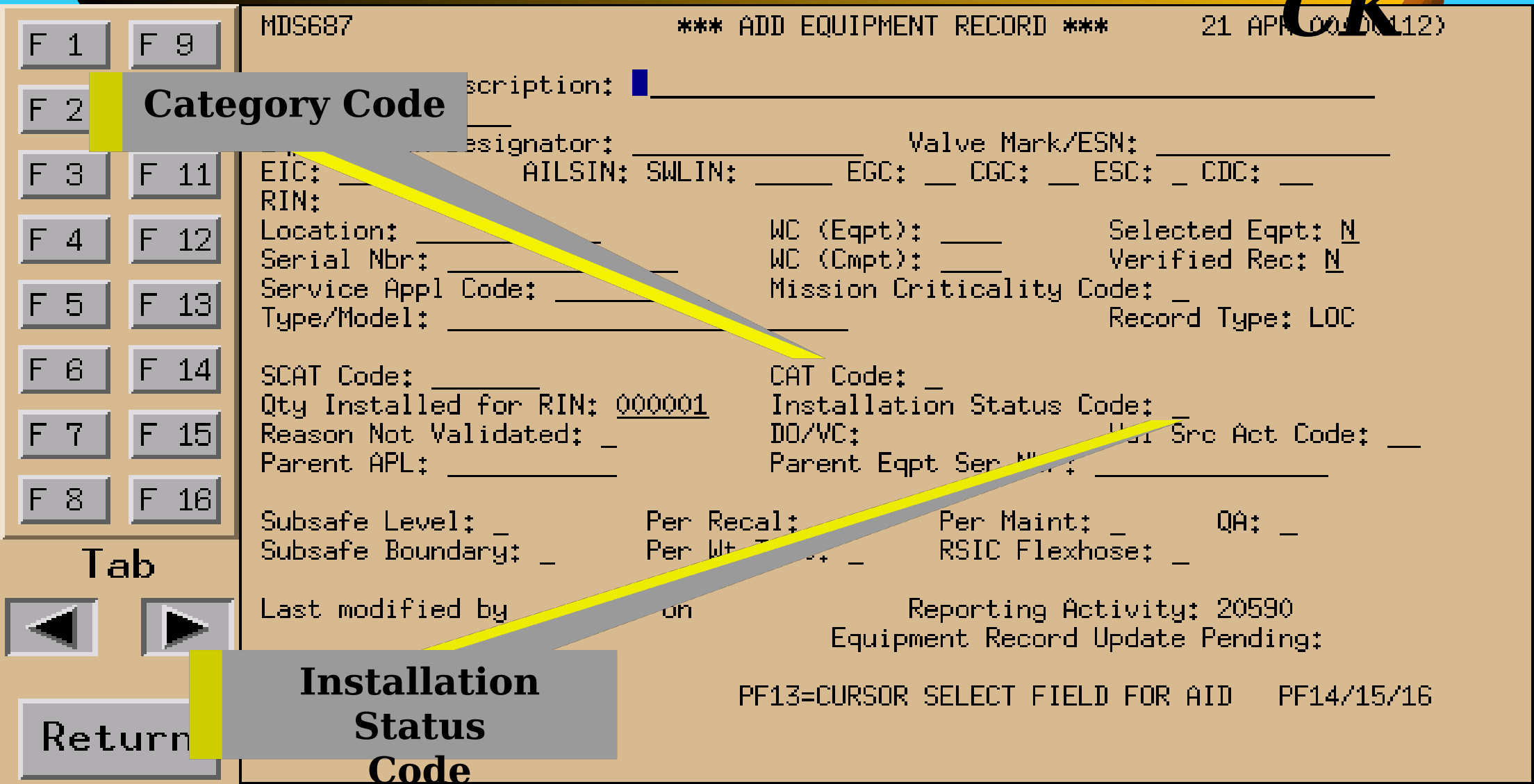
Adding a New Eqpt Entry Starting From Scratch 4790-CK



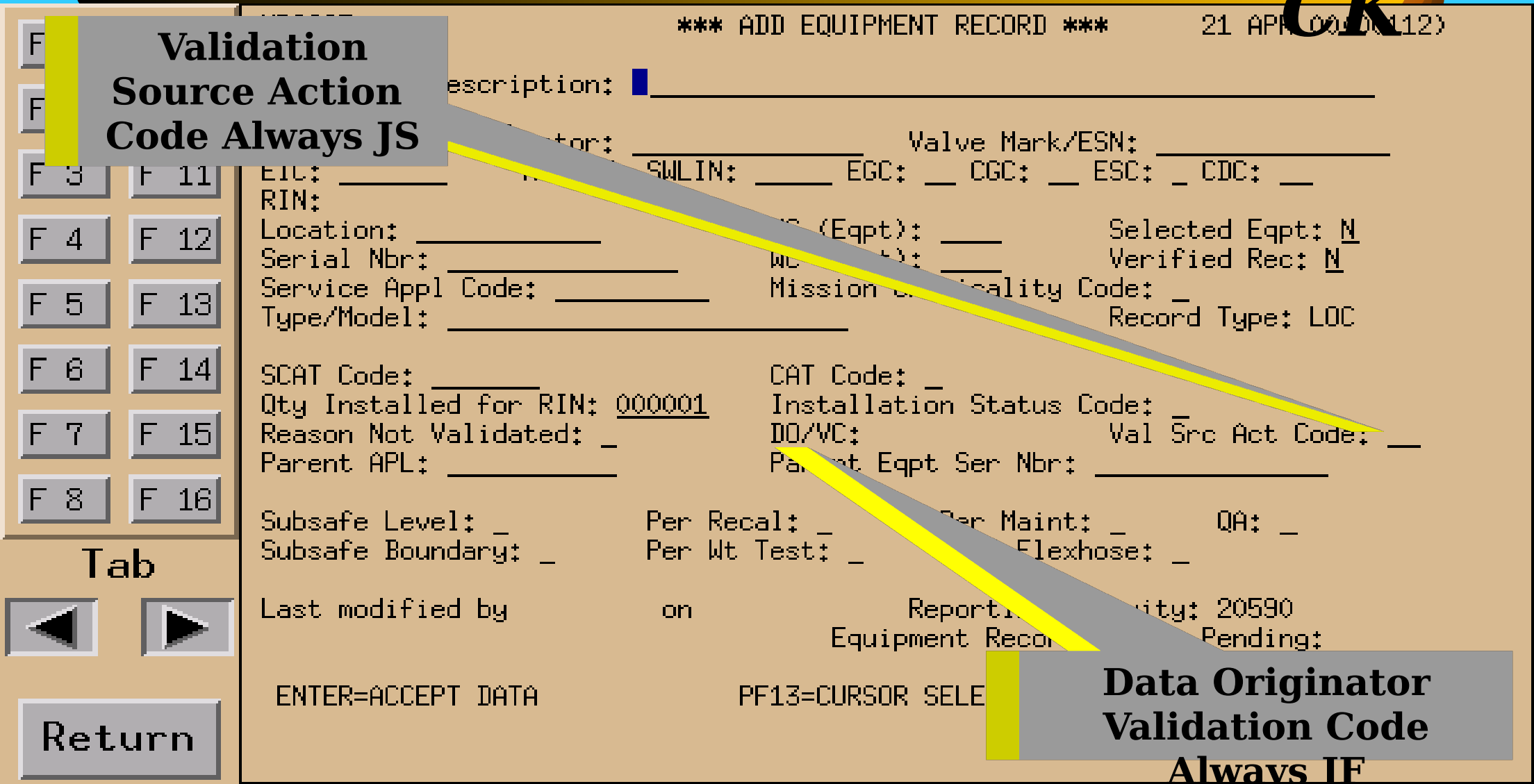
Adding a New Eqpt Entry Starting From Scratch 4790-CK



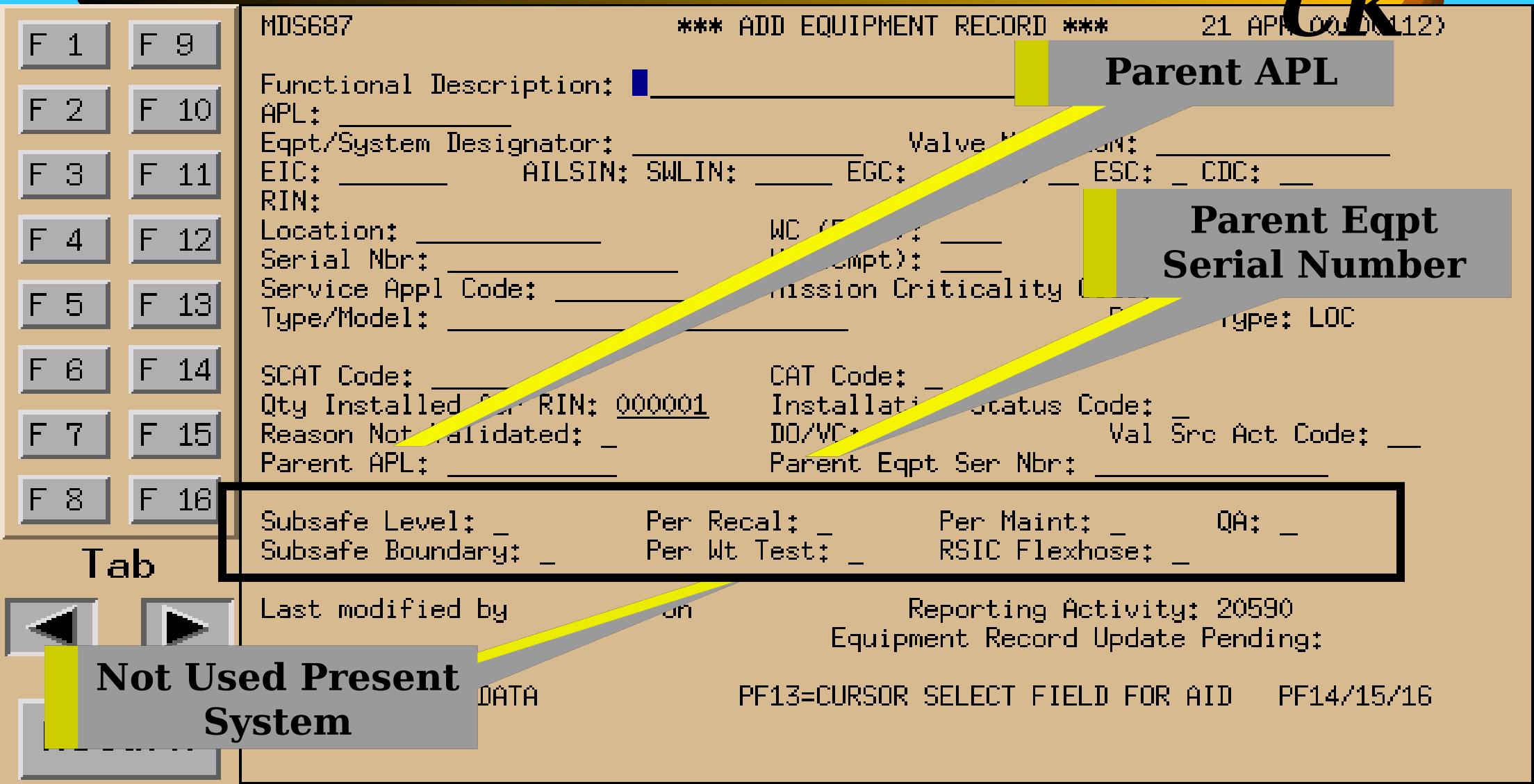
Adding a New Eqpt Entry Starting From Scratch 4790-CK



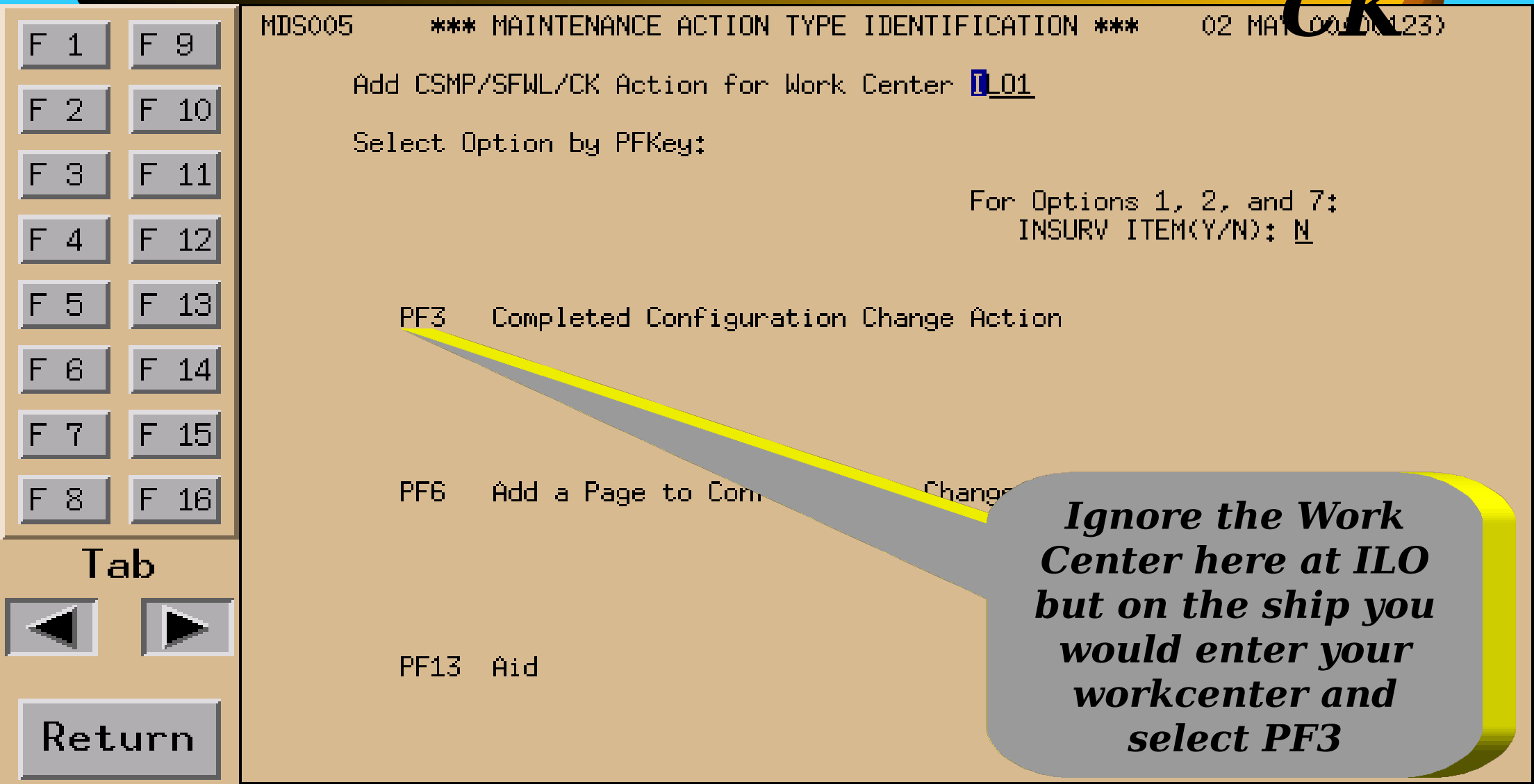
Adding a New Eqpt Entry Starting From Scratch 4790-CK



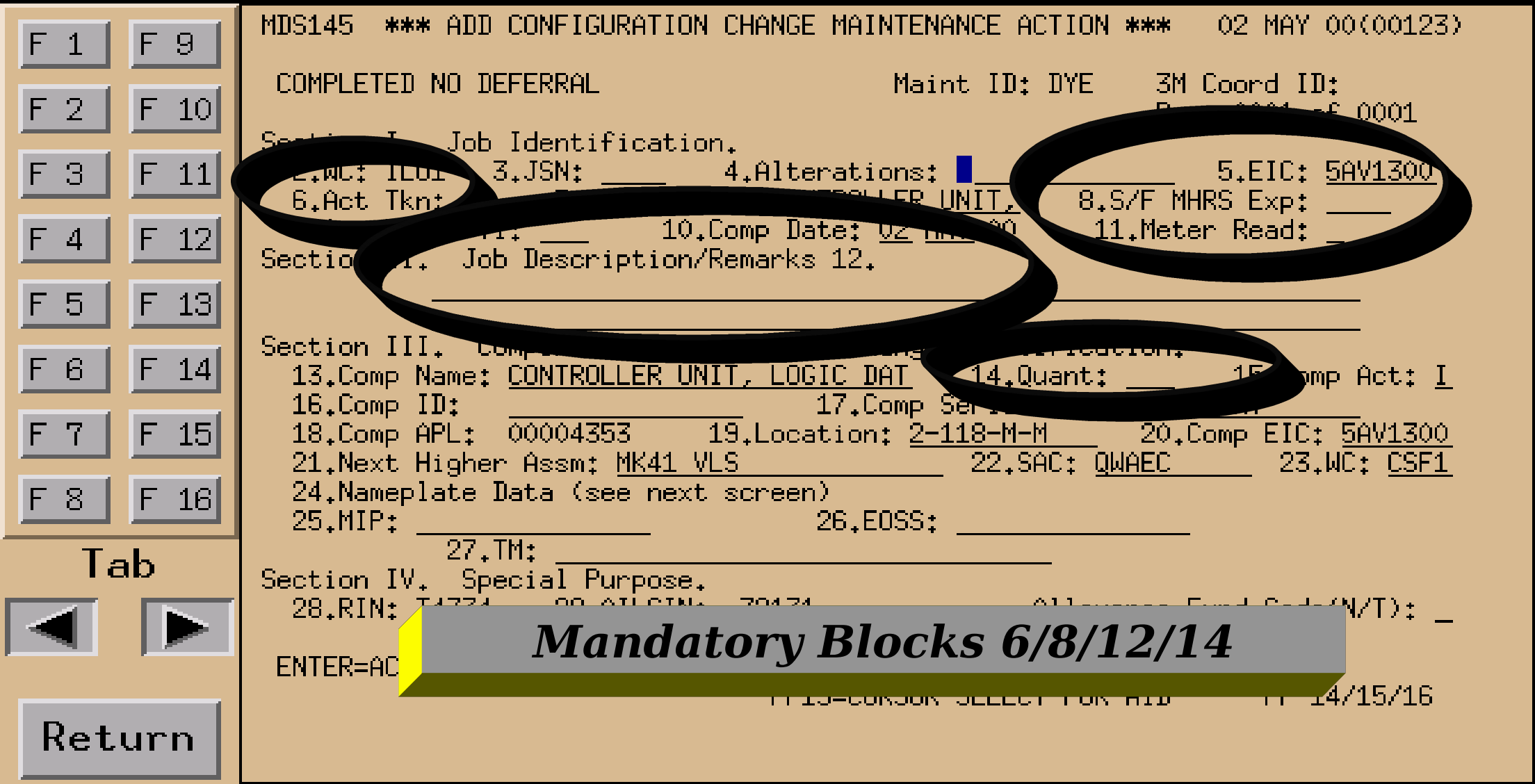
Adding a New Eqpt Entry Starting From Scratch 4790-CK



Adding a New Eqpt Entry Starting From Scratch 4790-CK



Adding a New Eqpt Entry Starting From Scratch 4790-



Mandatory Blocks 6/8/12/14

Adding a New Eqpt Entry Starting From Scratch 4790-CK

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS145  *** ADD CONFIGURATION CHANGE MAINTENANCE ACTION ***   02 MAY 00(00123)

 COMPLETED NO DEFERRAL                        Maint ID: DYE    3M Coord ID:
                                                               Page 0001 of 0001

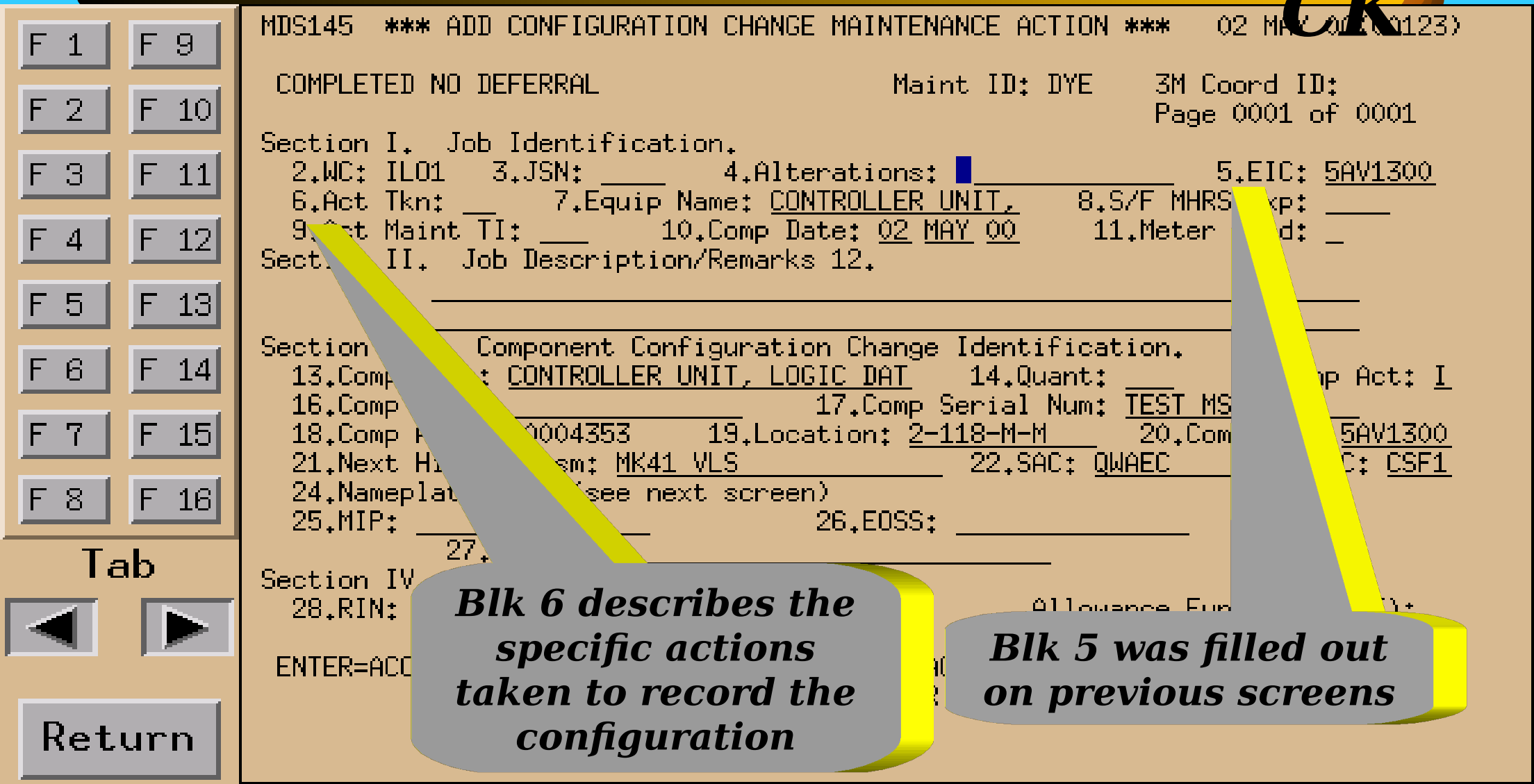
Section I.  Job Identification.
  2.WC: ILO1   3.JSN: ____    4.Alterations: _____________   5.EIC: 5AV1300
  6.Act Tkn: __    7.Equip Name: CONTROLLER UN      8.S/F MHRS Exp: ____
  9.Act Maint TI: ___     10.Comp Date: 02 MAY      11.Meter Read: _
Section II.  Job Description/Remarks 12.

             ____________________________________________________________
             ____________________________________________________________
Section III.  Component Configuration Change Ident      tion.
  13.Comp Name: CONTROLLER UNIT, LOGIC DAT    14.Q        __    15.Comp Act: I
  16.Comp ID:  _____________          17.Comp Serial      EST MSAT_____
  18.Comp APL:  00004353     19.Location: 2-118-M-M      .Comp EIC: 5AV1300
  21.Next Higher Assm: MK41 VLS_____  22.SAC      ___  23.WC: CSF1
  24.Nameplate Data (see next screen)
  25.MIP: _____________          26.EOSS: _____
          27.TM: ____________________________________
Section IV.  Special Purpose.
  28.RIN: T4734    29.AILSIN:  72131_____

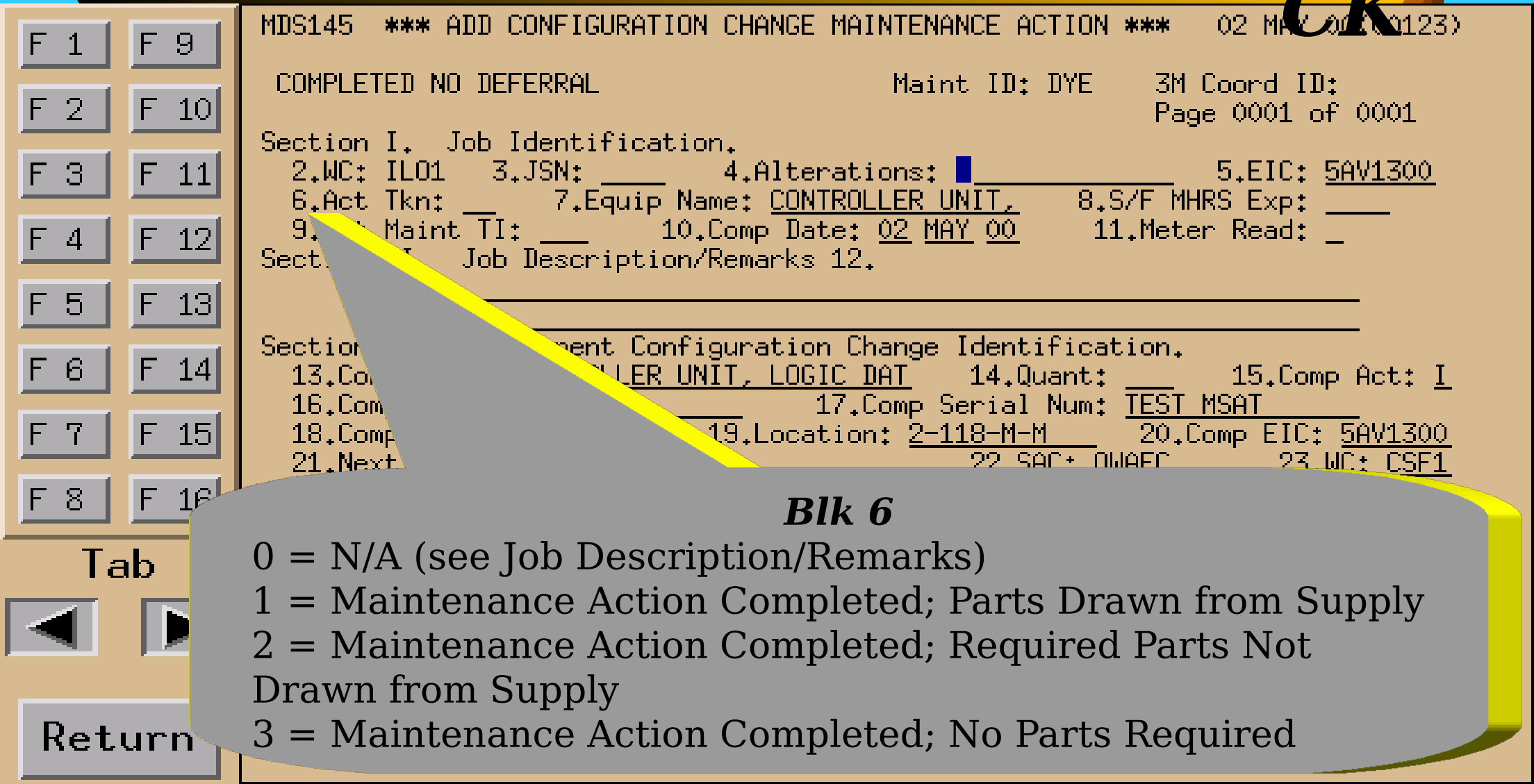
 ENTER=ACCEPT DATA, NAMEPLATE SCREEN   PF1=ACCEPT
                                    PF13=CURSOR SELE
```

Because we are installing a new equipment Blk 4 will be blank

Adding a New Eqpt Entry Starting From Scratch 4790-CK



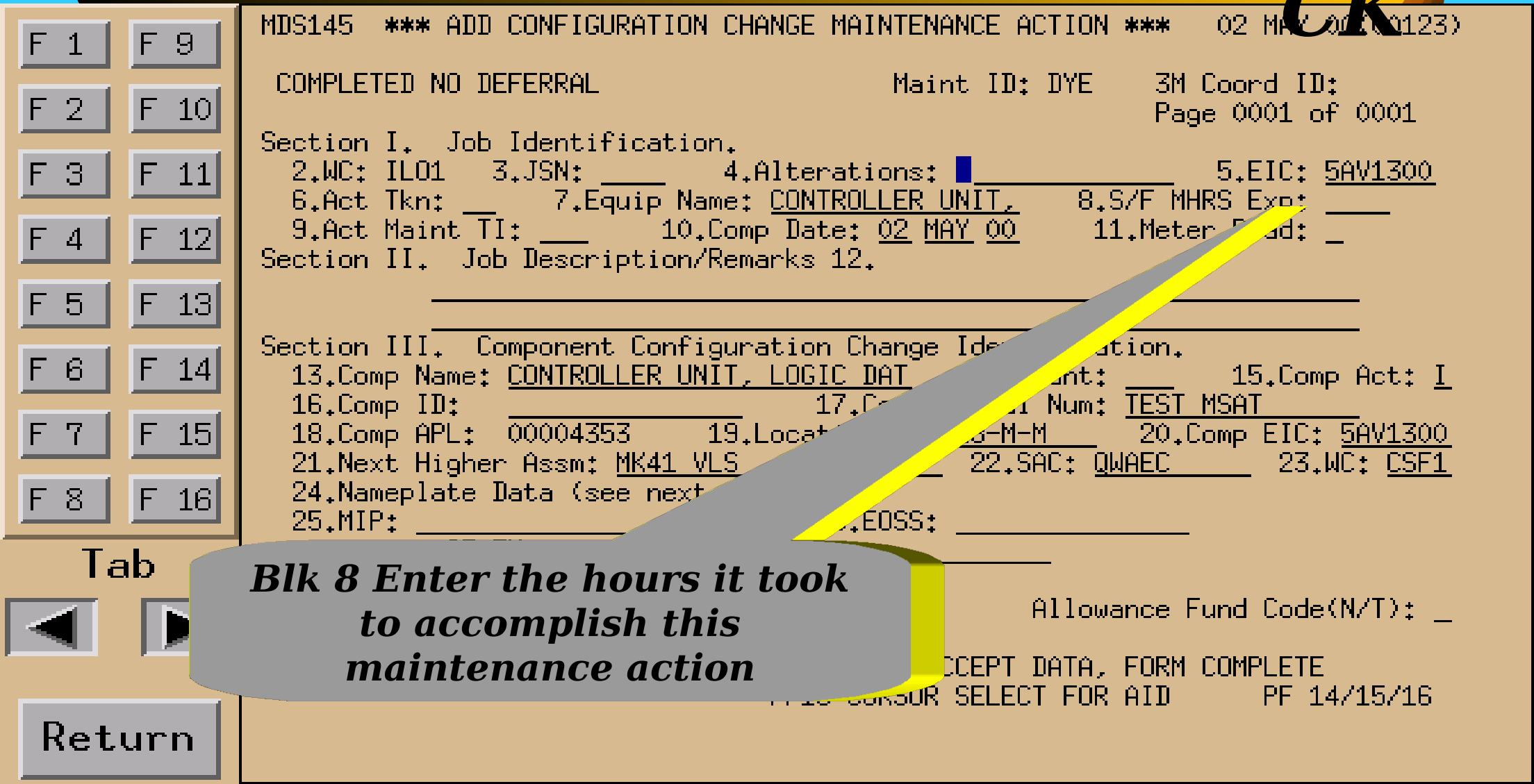
Adding a New Eqpt Entry Starting From Scratch 4790-CK



Blk 6

0 = N/A (see Job Description/Remarks)
1 = Maintenance Action Completed; Parts Drawn from Supply
2 = Maintenance Action Completed; Required Parts Not Drawn from Supply
3 = Maintenance Action Completed; No Parts Required

Adding a New Eqpt Entry Starting From Scratch 4790-CK



Blk 8 Enter the hours it took to accomplish this maintenance action

Adding a New Eqpt Entry Starting From Scratch 4790-CK

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS145  *** ADD CONFIGURATION CHANGE MAINTENANCE ACTION ***   02 MAY 00(00:01:23)

 COMPLETED NO DEFERRAL                          Maint ID: DYE    3M Coord ID:
                                                                 Page 0001 of 0001

Section I.  Job Identification.
  2.WC: ILO1   3.JSN: ____    4.Alterations: _____________   5.EIC: 5AV1300
  6.Act Tkn: 0    7.Equip Name: CONTROLLER UNIT,    8.S/F MHRS Exp: 1___
  9.Act Maint TI: ___     10.Comp Date: 02 MAY 00     11.Meter Read: _
Section II.  Job Description/Remarks 12.
          INSTALLED NEW CONTROLLER UNIT TO THE MK23 TAS SYSTEM
          ____________________________________________________________
Section III.  Co...nent Configuration Change Identification.
  13.Comp Name: CONT...ER UNIT, LOGIC DAT    14.Quant: ___    15.Comp Act: I
  16.Comp ID: _____                17.Comp Serial Num: TEST MSAT_____
  18.Comp APL: 00004353            ...tion: 2-118-M-M___   20.Comp EIC: 5AV1300
  21.Next Higher Assm: MK41 VLS ...    22.SAC: QWAEC____   23.WC: CSF1
  24.Nameplate Data (see next scree...
  25.MIP: _____                26...
          27.TM: _____
Section IV.  Special Purpose.
  28.RIN: T4734    29.AILSIN: 7...

 ENTER=ACCEPT DATA, NAMEPLATE SC...
```

Job Description/Remarks Blk 12

Enter as much amplifying information as possible to aid your CDM in making the

Adding a New Eqpt Entry Starting From Scratch 4790-CK

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

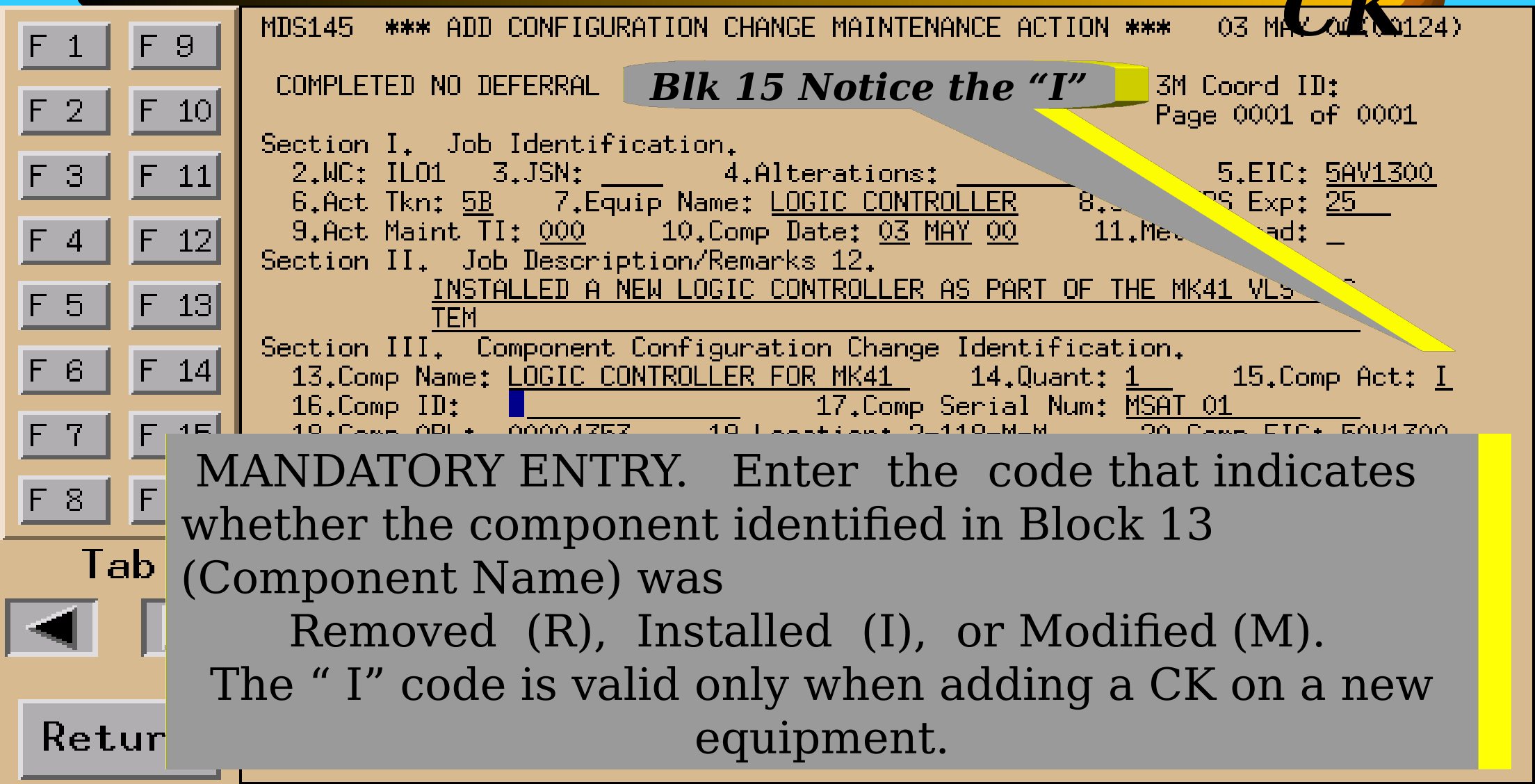
```
MDS145  *** ADD CONFIGURATION CHANGE MAINTENANCE ACTION ***   03 MAY 00(00124)

 COMPLETED NO DEFERRAL                          Maint ID: DYE    3M Coord ID:
                                                                 Page 0001 of 0001

Section I.  Job Identification.
  2.WC: ILO1   3.JSN: ____     4.Alterations: _____________   5.EIC: 5AV1300
  6.Act Tkn: 5B    7.Equip Name: LOGIC CONTROLLER    8.S/F MHRS Exp: 25
  9.Act Maint TI: 000     10.Comp Date: 03 MAY 00     11.Meter Read: _
Section II.  Job Description/Remarks 12.
           INSTALLED A NEW LOGIC CONTROLLER AS PART OF THE MK41 VLS SYS
           TEM
Section III.  Component Configuration Change Identification.
  13.Comp Name: LOGIC CONTROLLER FOR MK41     14.Quant: 1     15.Comp Act: I
  16.Comp ID:                          17.Comp Serial Num: MSAT 01
  18.Comp APL: 00004353     19.Location: 2      -M-M     20.Comp EIC: 5AV1300
  21.Next Higher Assm: MK41 VLS                 22.SAC: OWAEC     23.WC: CSV2
  24.Nameplate Data (see next sc
  25.MIP: _____                  26.EOSS: _____________
          27.TM:
Se
                                                Allowance Fund Code(N/T): _
 E
                          PF1=ACCEPT DATA, FORM COMPLETE
                        PF13=CURSOR SELECT FOR AID      PF 14/15/16
```

Enter the quantity of the equipment you installed

Adding a New Eqpt Entry Starting From Scratch 4790-CK


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 8
Tab
Retur
MDS145 *** ADD CONFIGURATION CHANGE MAINTENANCE ACTION *** 03 MAY
COMPLETED NO DEFERRAL
Blk 15 Notice the "I"
3M Coord ID:
Page 0001 of 0001
Section I. Job Identification.
2.WC: ILO1 3.JSN: 4.Alterations: 5.EIC: 5AV1300
6.Act Tkn: 5B 7.Equip Name: LOGIC CONTROLLER Exp: 25
9.Act Maint TI: 000 10.Comp Date: 03 MAY 00
Section II. Job Description/Remarks 12.
INSTALLED A NEW LOGIC CONTROLLER AS PART OF THE MK41 VLS
TEM
Section III. Component Configuration Change Identification.
13.Comp Name: LOGIC CONTROLLER FOR MK41 14.Quant: 1 15.Comp Act: I
16.Comp ID: 17.Comp Serial Num: MSAT 01

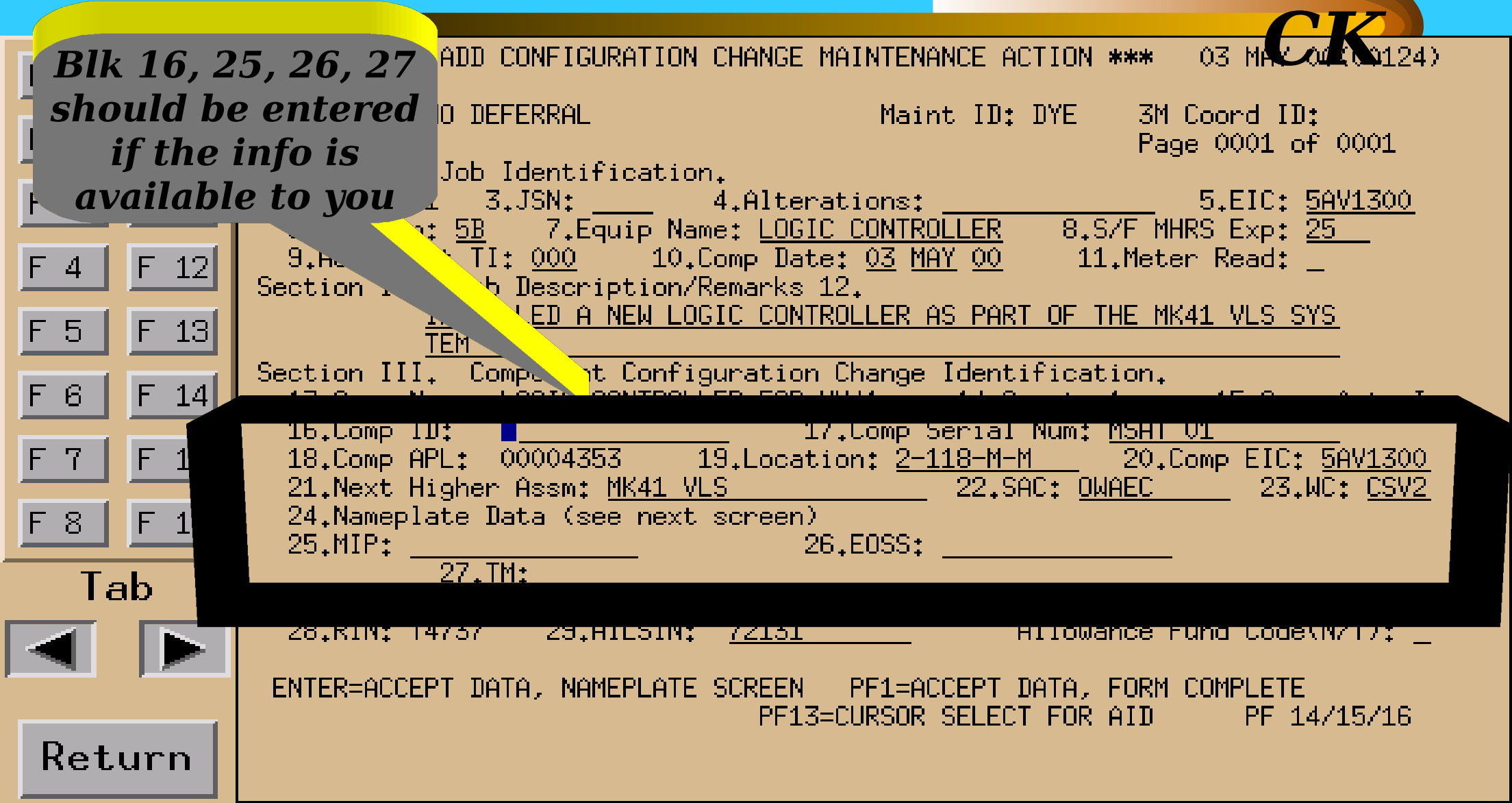
MANDATORY ENTRY. Enter the code that indicates whether the component identified in Block 13 (Component Name) was

Removed (R), Installed (I), or Modified (M).

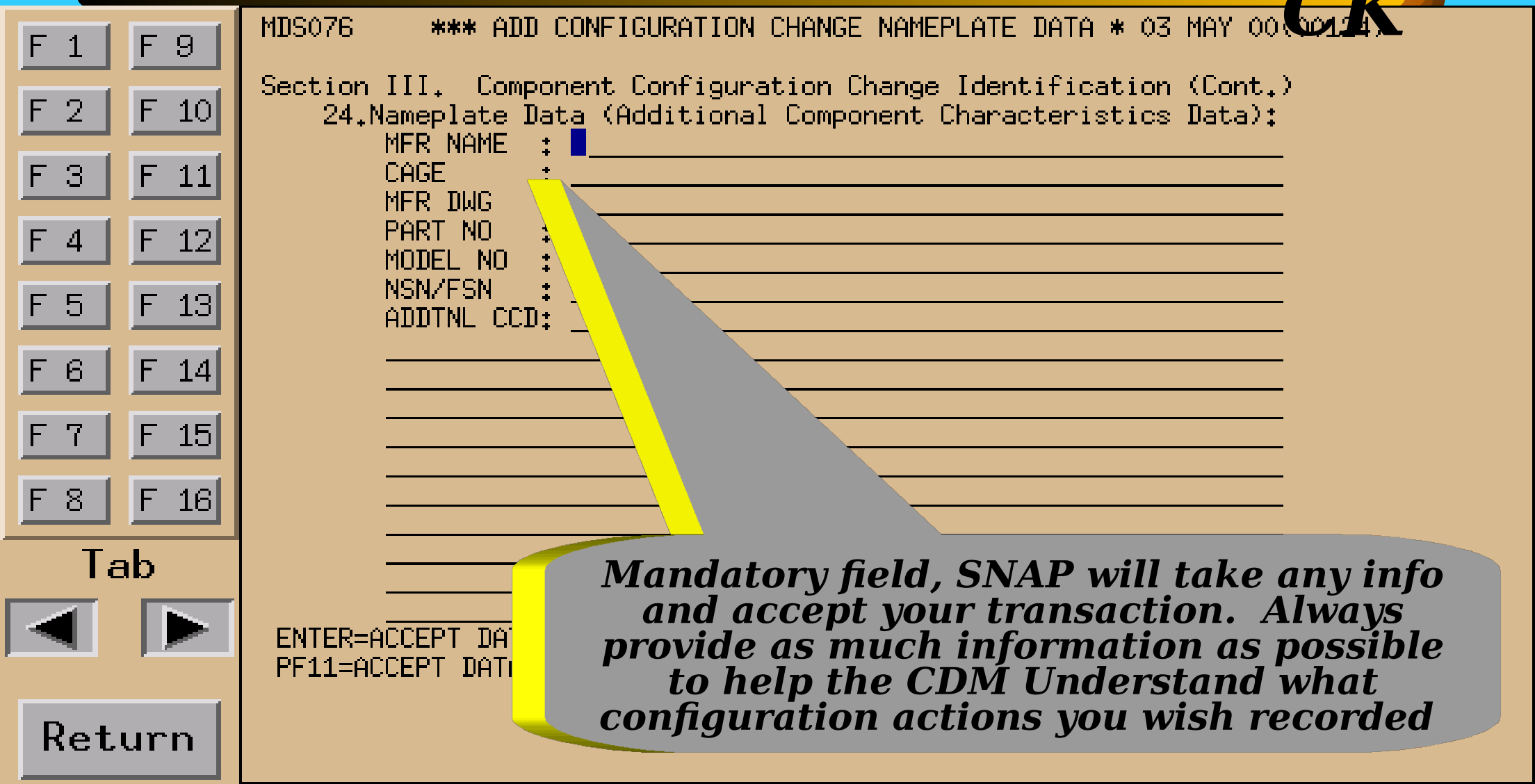
The " I" code is valid only when adding a CK on a new equipment.

Adding a New Eqpt Entry Starting From Scratch 4790-CK

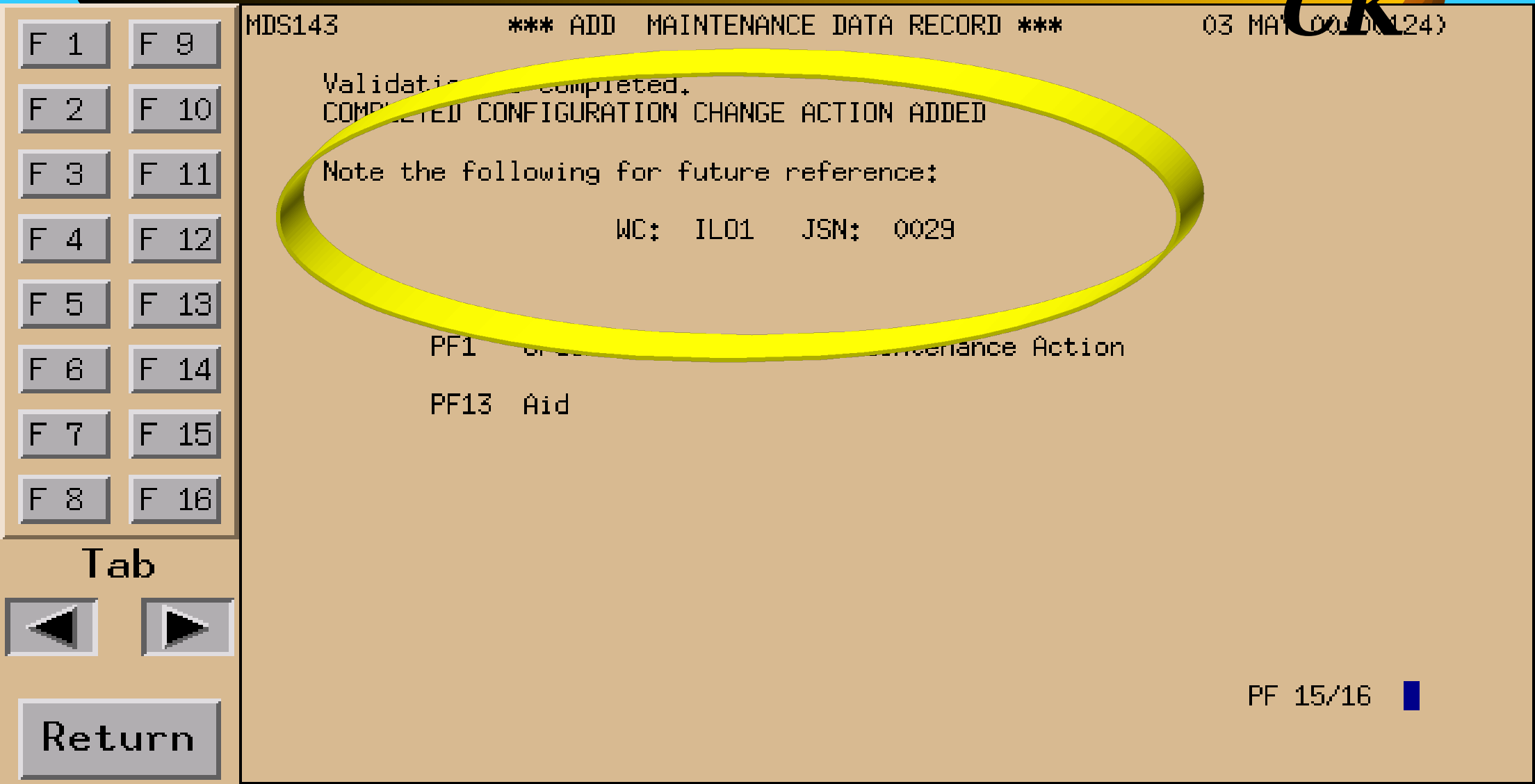
Blk 16, 25, 26, 27 should be entered if the info is available to you



Adding a New Eqpt Entry Starting From Scratch 4790-CK



Adding a New Eqpt Entry Starting From Scratch 4790-CK



Adding a New Eqpt Entry Starting From Scratch 4790-CK

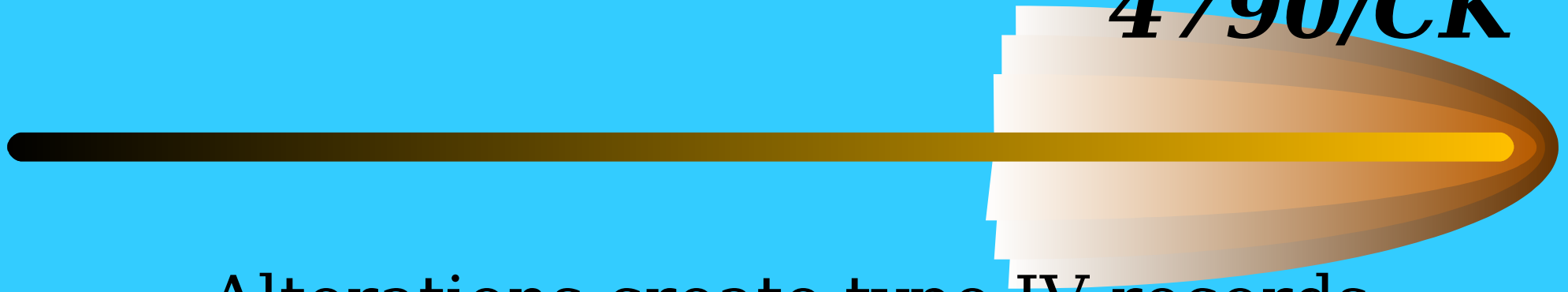


Class demonstration

Adding 4790CK

Using PF4 option

Alteration Recording OPNAV 4790/CK



Alterations create type IV records

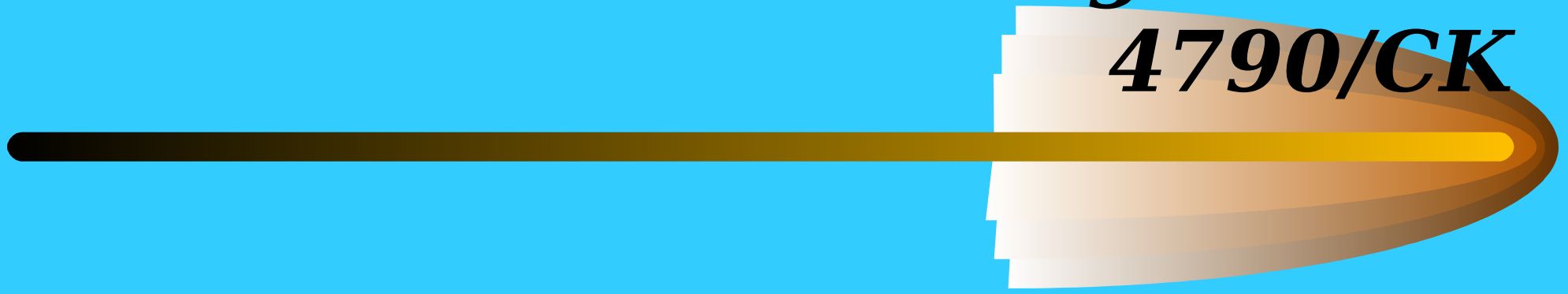
Alteration Recording OPNAV 4790/CK

- Alteration recording must be accomplished properly or the associated configuration records will be lost
  - Alterations are type IV records
  - Must be associated with parent equipment for which the ORDALT/MACHALT/ECP etc has been performed

Alteration Recording OPNAV 4790/CK

- Alteration CKs are required to be provided to the ship upon accomplishment of the alteration
  - All work being performed on your ship should be documented
  - Lack of proper documentation will result in less than optimal logistic support

Alteration Recording OPNAV 4790/CK

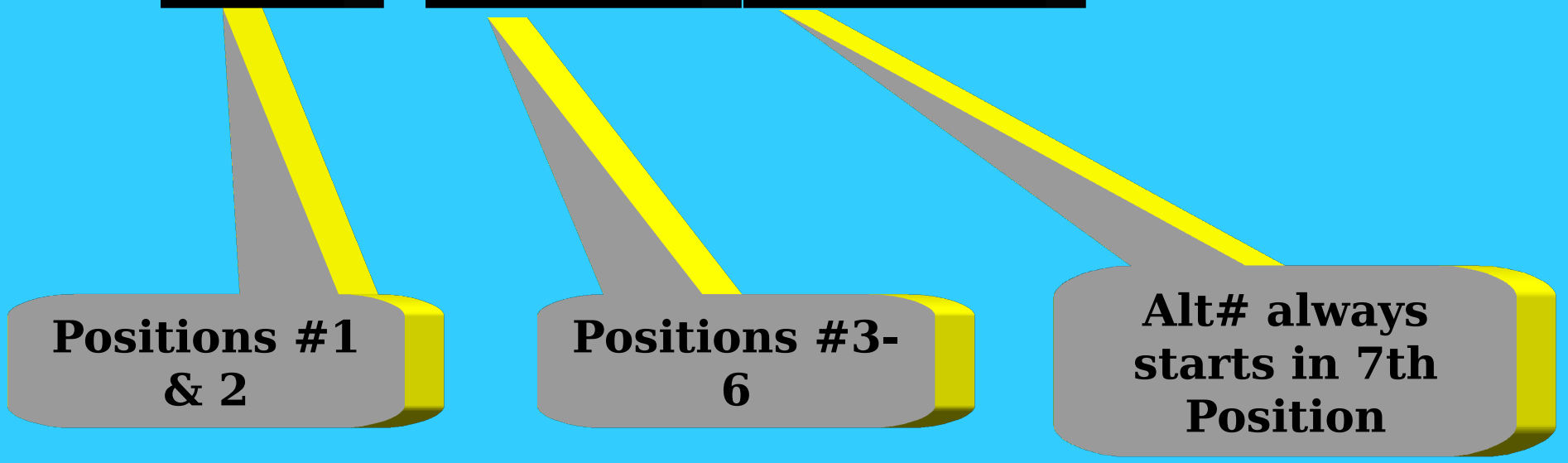


- Alterations consist of three (3) distinct types
  - Ordnance alterations (OA)
  - Field changes (FC)
  - Other

Alteration Recording OPNAV 4790/CK Ordnance Alteration

- Example:
  - OADDG 01296

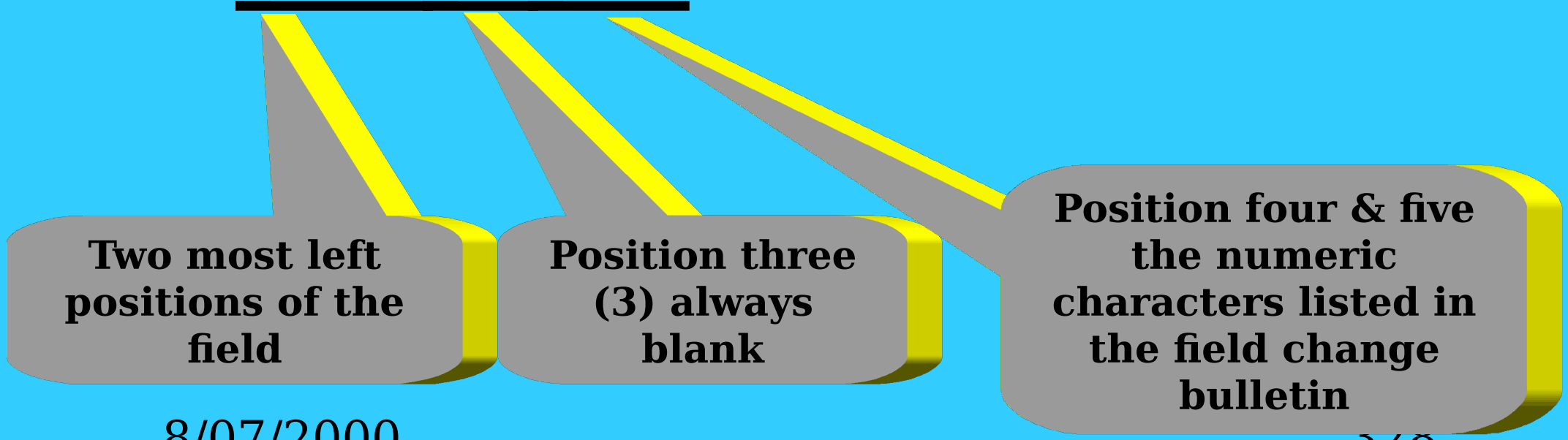
OA DDG 01296



Alteration Recording OPNAV 4790/CK Field Changes

- Example:
  - FC 59

FC 59


Two most left positions of the field
Position three (3) always blank
Position four & five the numeric characters listed in the field change bulletin

Alteration Recording OPNAV 4790/CK Other

- Other than ORDALTS/field changes
  - First two or three left positions identify the alteration prefix
  - Leave fourth space blank
  - The remaining data fields are for the alteration directive
    - Next slide is a list of other valid alteration identities

Alteration Recording OPNAV 4790/CK Other

BA = BOATALT CHANGE

SC = SERVICE

MA = MACHALT CHANGE

EC = ENGINEERING

SI = SYSCOM INST REQUEST

AR = ALTERATION

TD = TECH DIRECTIVES ALTERATIONS

TR = TRIDENT

HI = HABITABILITY

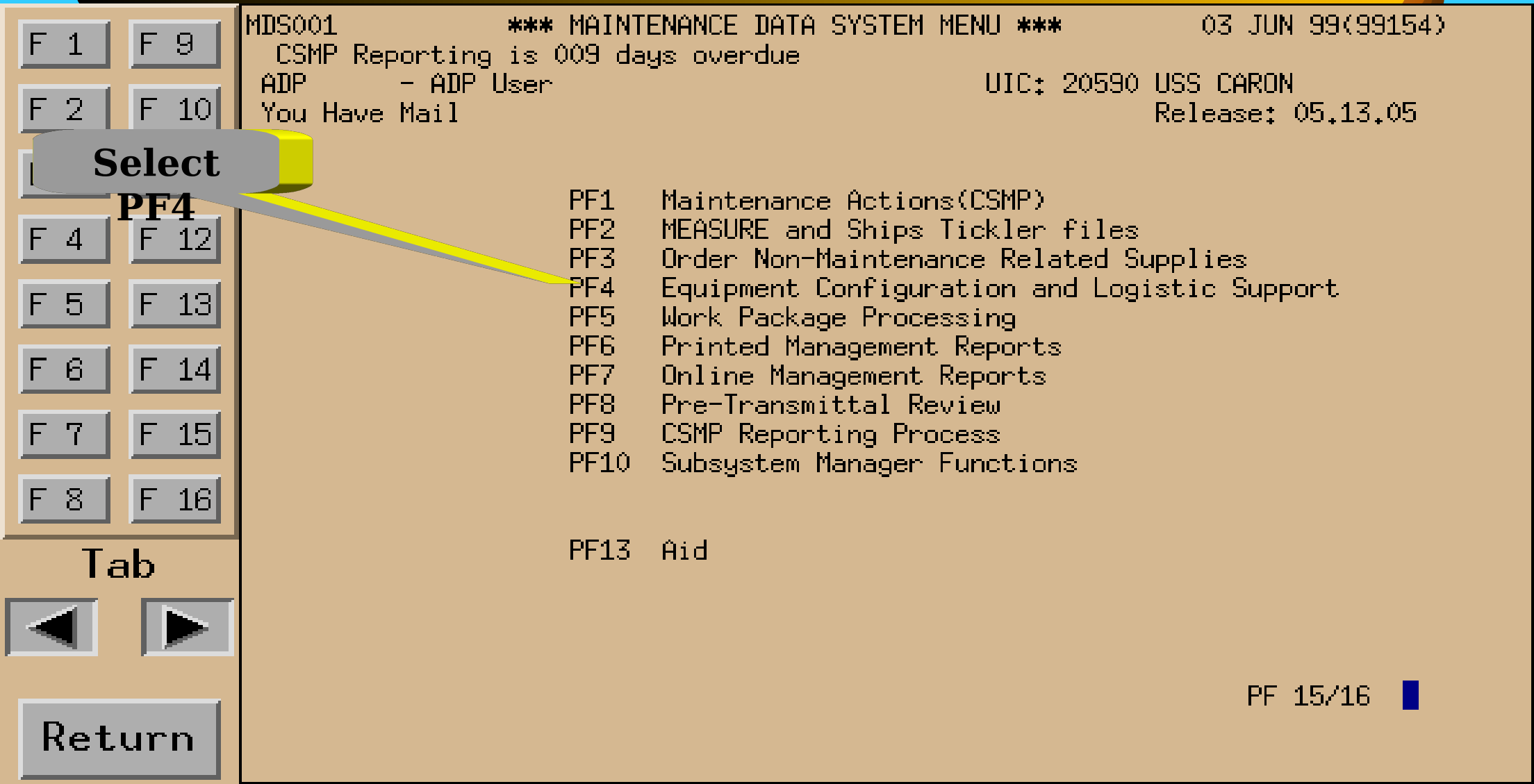
SP = SPALT

TY = TYCOM DIRECTIVE

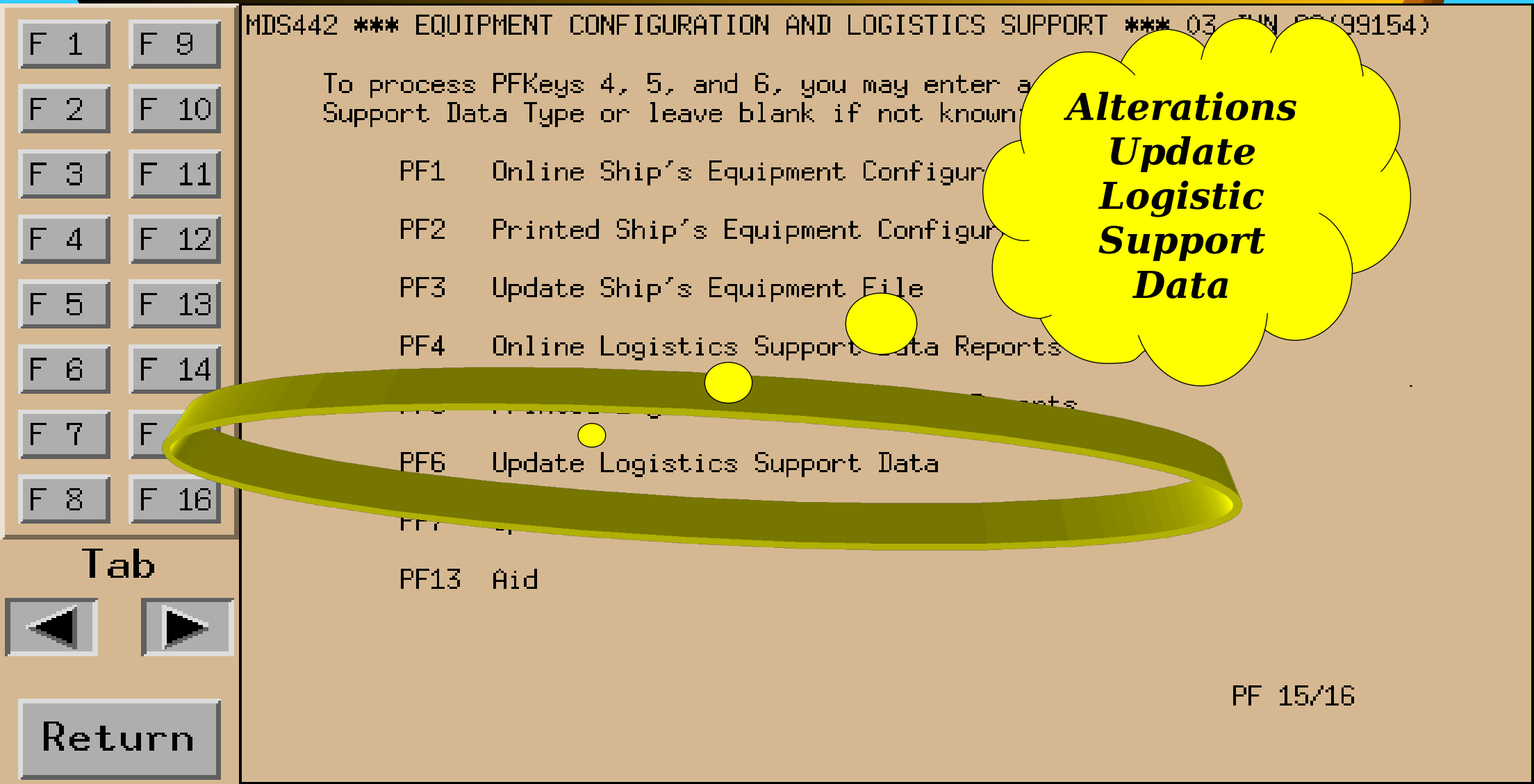
MOD = CRYPTO EQUIPMENT MODIFICATION

ECP = ENGINEERING CHANGE PROPOSAL

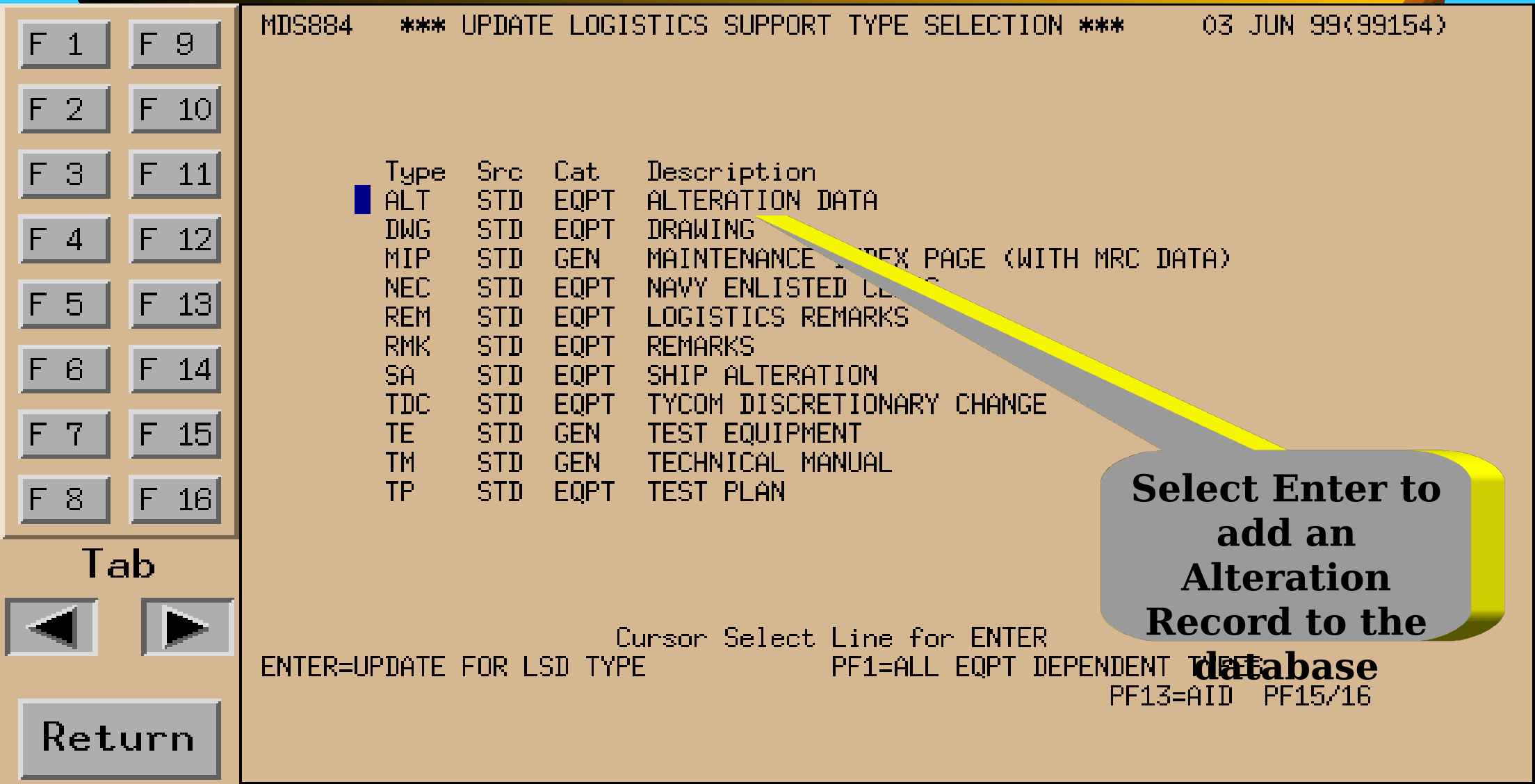
Alteration Recording OPNAV 4790/CK



Alteration Recording OPNAV 4790/CK



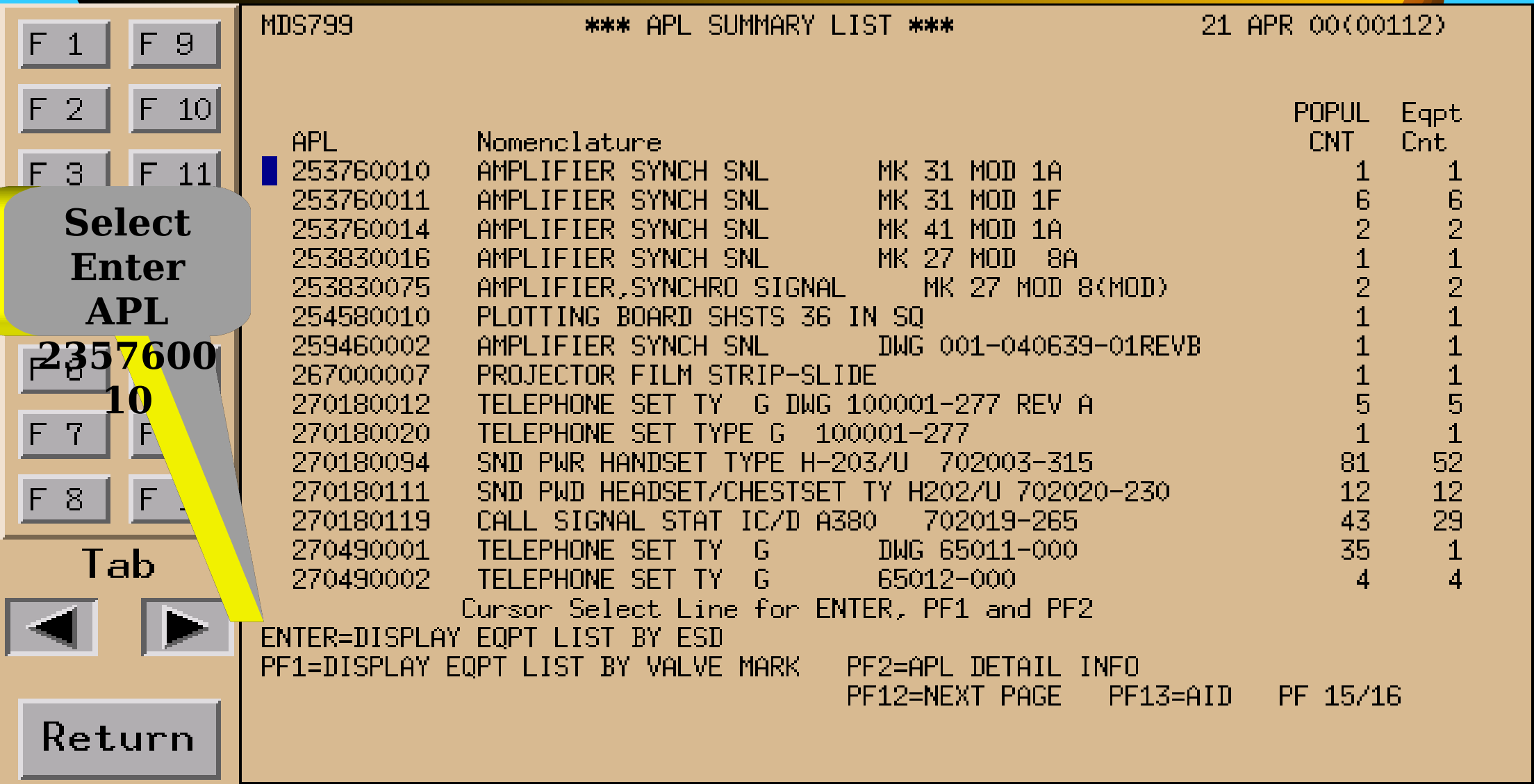
Alteration Recording OPNAV 4790/CK



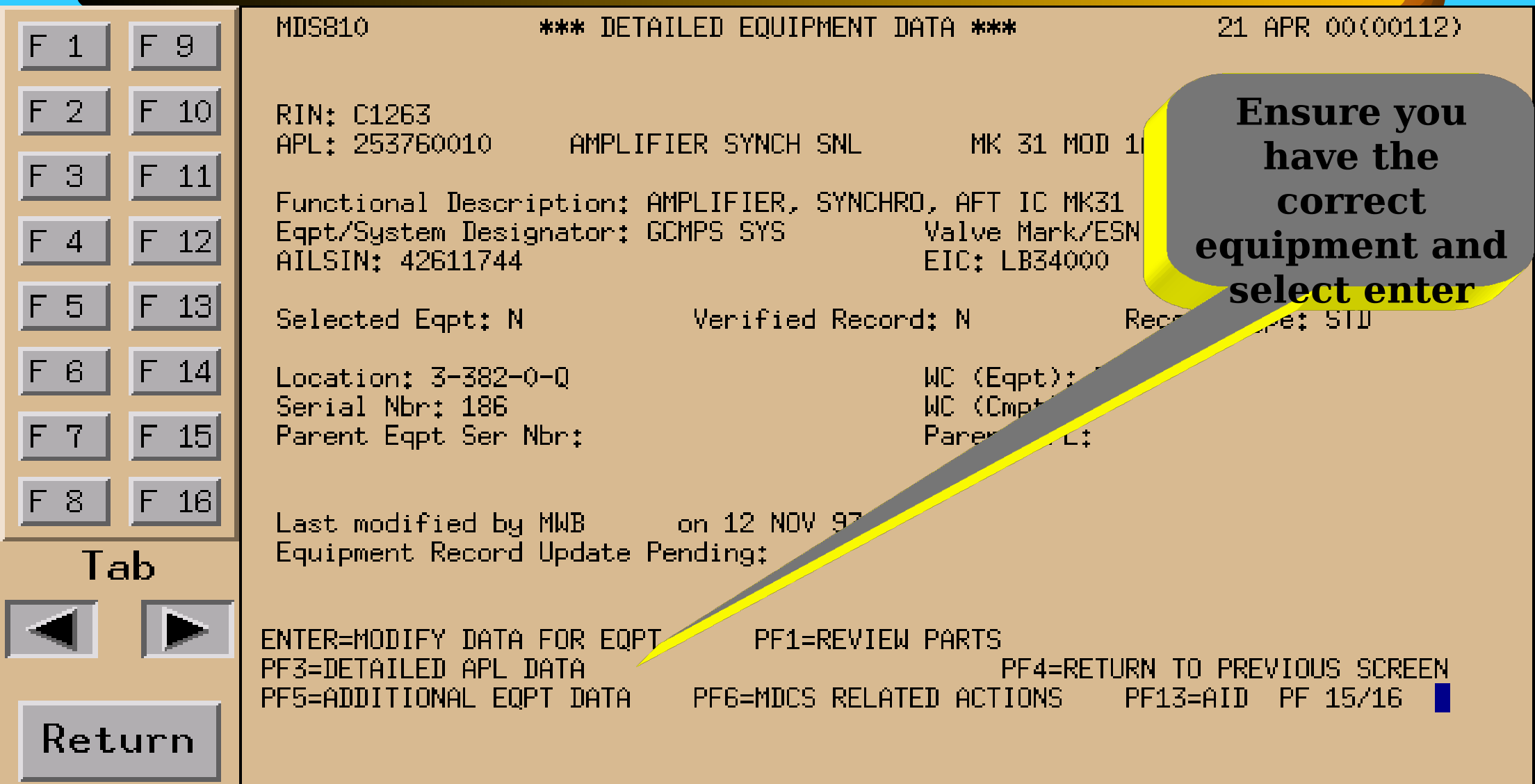
Alteration Recording OPNAV 4790/CK


F 1
F 9
F 2
F 10
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
Select PF2
MDS793 *** FIND EQPT FOR LOGISTICS SUPPORT DATA UPDATE *** 21 APR 00(00112)
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN): _____
PF2 Select by APL: 253760010_
PF3 Select by Equipment/System Designator: _____
PF4 Select by Valve Mark/Elec Symb Nbr: _____
PF5 Select by RIN: _____
PF6 Select by EIC: _____
PF7 Select by Logistics Support Data Item
Type: ALT Item ID: _____
PF13 Aid
We are adding an alteration to the APL 253760010
PF 15/16

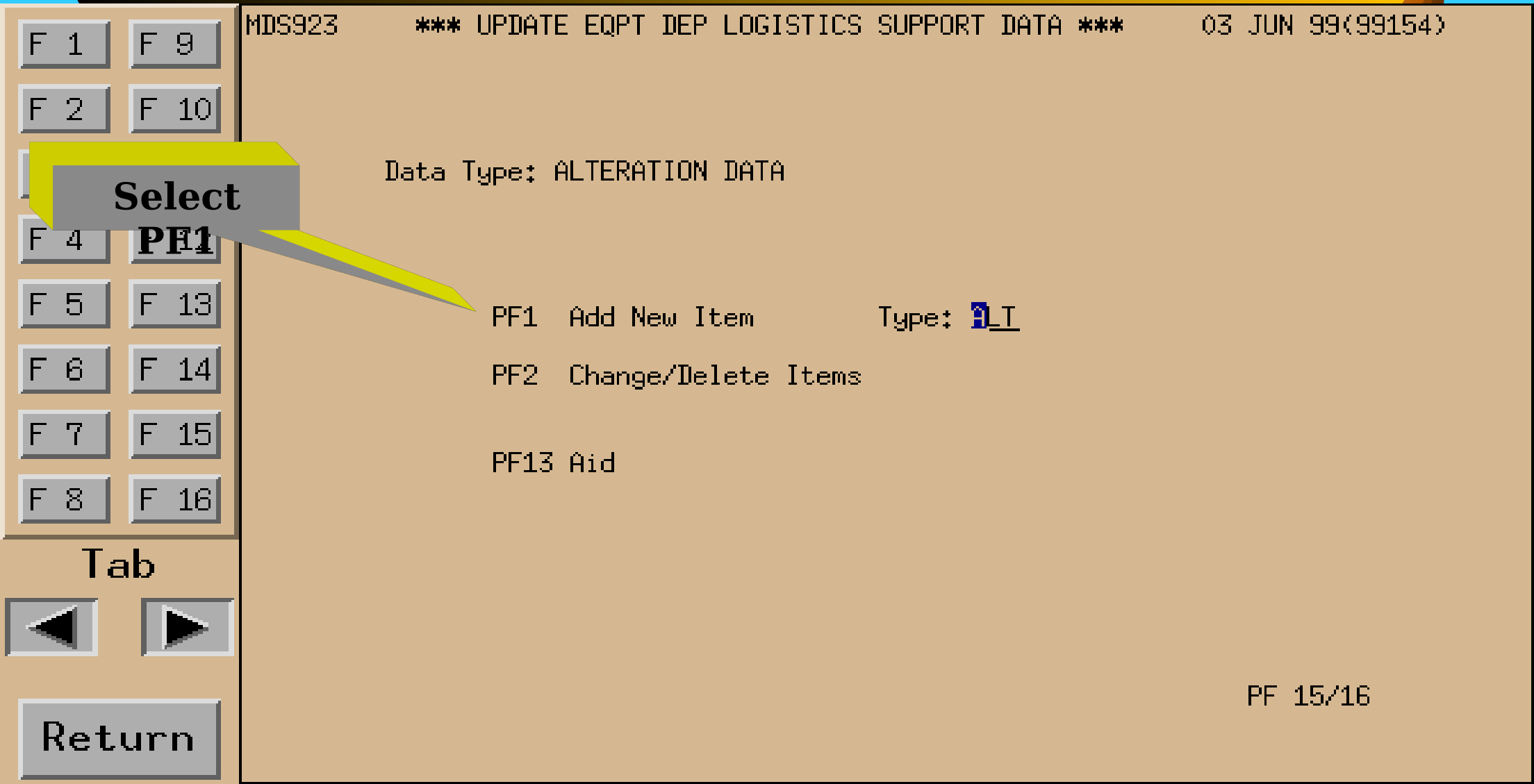
Alteration Recording OPNAV 4790/CK


F 1
F 9
F 2
F 10
F 3
F 11
Select
Enter
APL
2357600
10
F 8
F 7
F 8
Tab
Return
MDS799 *** APL SUMMARY LIST *** 21 APR 00(00112)
APL Nomenclature POPUL CNT Eqpt Cnt
253760010 AMPLIFIER SYNCH SNL MK 31 MOD 1A 1 1
253760011 AMPLIFIER SYNCH SNL MK 31 MOD 1F 6 6
253760014 AMPLIFIER SYNCH SNL MK 41 MOD 1A 2 2
253830016 AMPLIFIER SYNCH SNL MK 27 MOD 8A 1 1
253830075 AMPLIFIER,SYNCHRO SIGNAL MK 27 MOD 8(MOD) 2 2
254580010 PLOTTING BOARD SHSTS 36 IN SQ 1 1
259460002 AMPLIFIER SYNCH SNL DWG 001-040639-01REVB 1 1
267000007 PROJECTOR FILM STRIP-SLIDE 1 1
270180012 TELEPHONE SET TY G DWG 100001-277 REV A 5 5
270180020 TELEPHONE SET TYPE G 100001-277 1 1
270180094 SND PWR HANDSET TYPE H-203/U 702003-315 81 52
270180111 SND PWD HEADSET/CHESTSET TY H202/U 702020-230 12 12
270180119 CALL SIGNAL STAT IC/D A380 702019-265 43 29
270490001 TELEPHONE SET TY G DWG 65011-000 35 1
270490002 TELEPHONE SET TY G 65012-000 4 4
Cursor Select Line for ENTER, PF1 and PF2
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK PF2=APL DETAIL INFO
PF12=NEXT PAGE PF13=AID PF 15/16

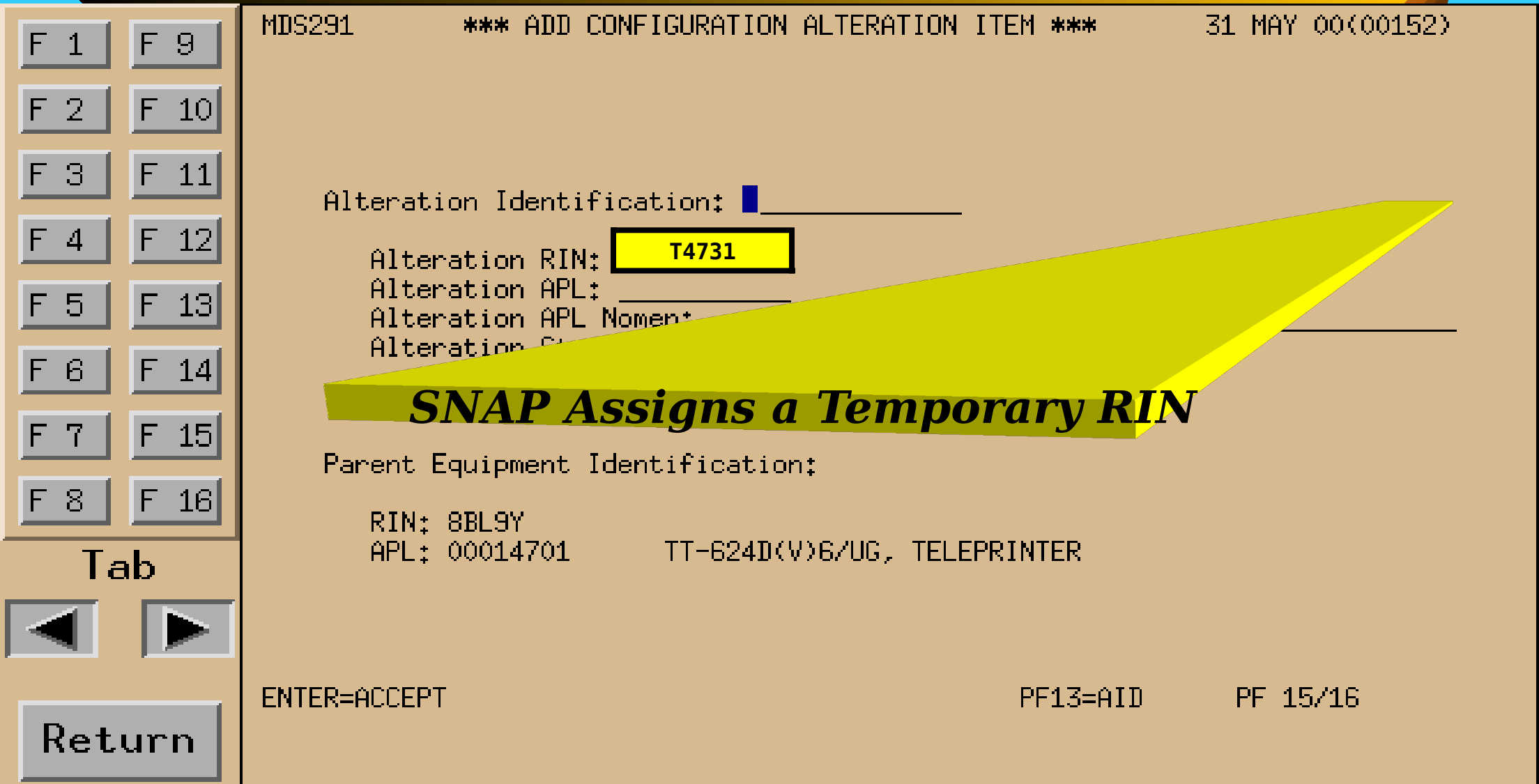
Alteration Recording OPNAV 4790/CK


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS810 *** DETAILED EQUIPMENT DATA *** 21 APR 00(00112)
RIN: C1263
APL: 253760010 AMPLIFIER SYNCH SNL MK 31 MOD 1
Functional Description: AMPLIFIER, SYNCHRO, AFT IC MK31
Eqpt/System Designator: GCMPS SYS Valve Mark/ESN
AILSIN: 42611744 EIC: LB34000
Selected Eqpt: N Verified Record: N
Location: 3-382-0-Q WC (Eqpt):
Serial Nbr: 186 WC (Cmpt
Parent Eqpt Ser Nbr: Pare L:
Last modified by MWB on 12 NOV 97
Equipment Record Update Pending:
ENTER=MODIFY DATA FOR EQPT PF1=REVIEW PARTS
PF3=DETAILED APL DATA PF4=RETURN TO PREVIOUS SCREEN
PF5=ADDITIONAL EQPT DATA PF6=MDCS RELATED ACTIONS PF13=AID PF 15/16
Ensure you have the correct equipment and select enter

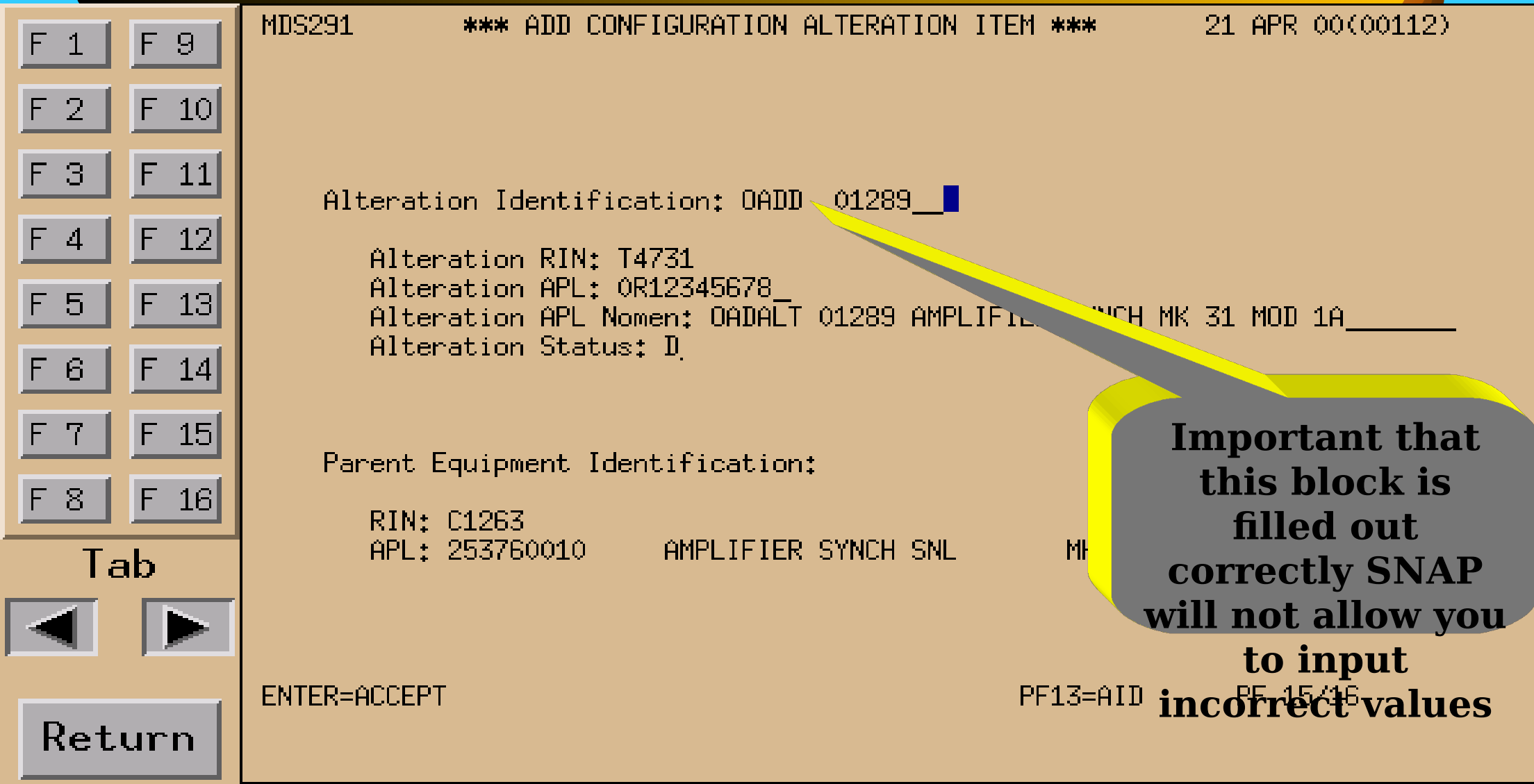
Alteration Recording OPNAV 4790/CK



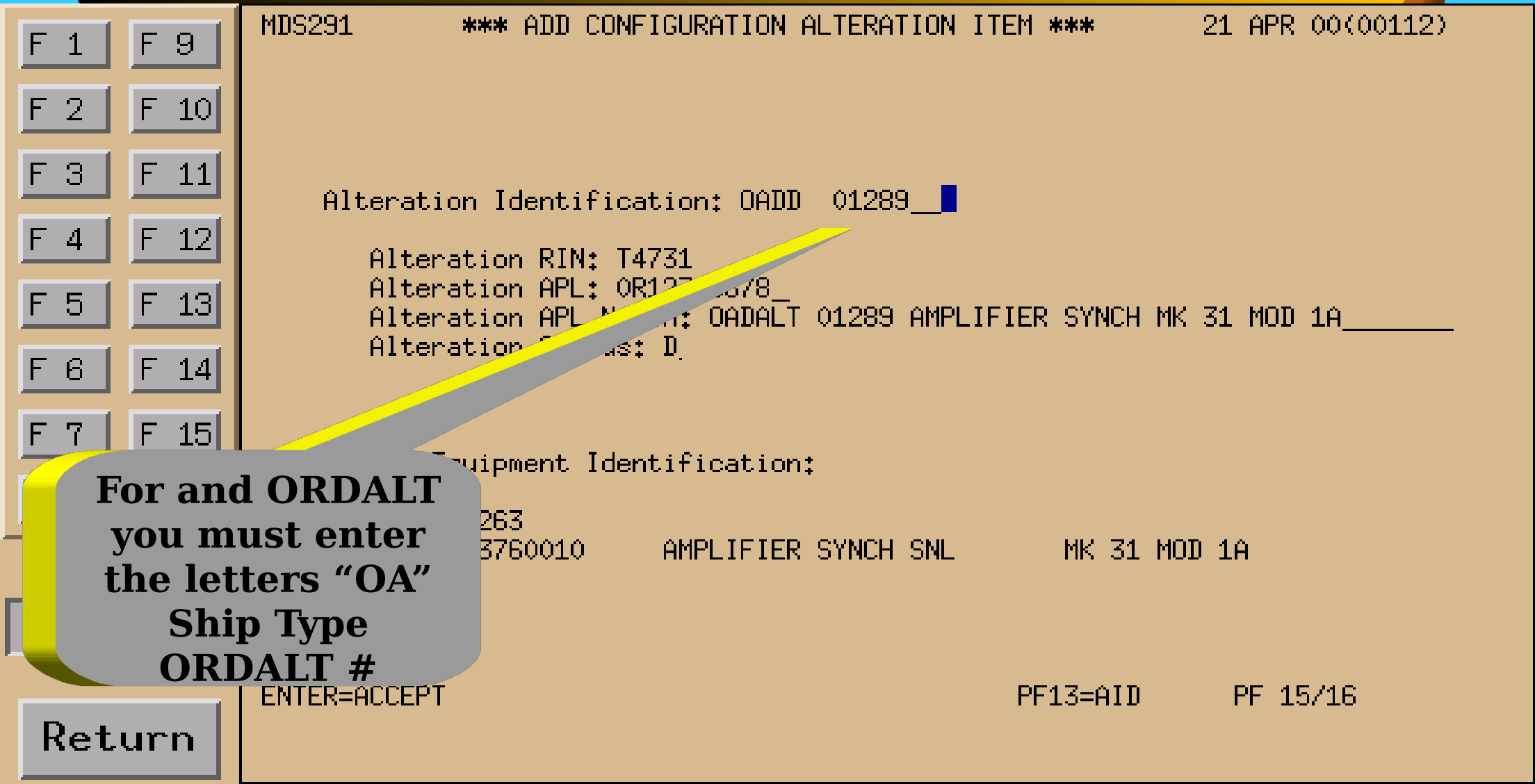
Alteration Recording OPNAV 4790/CK



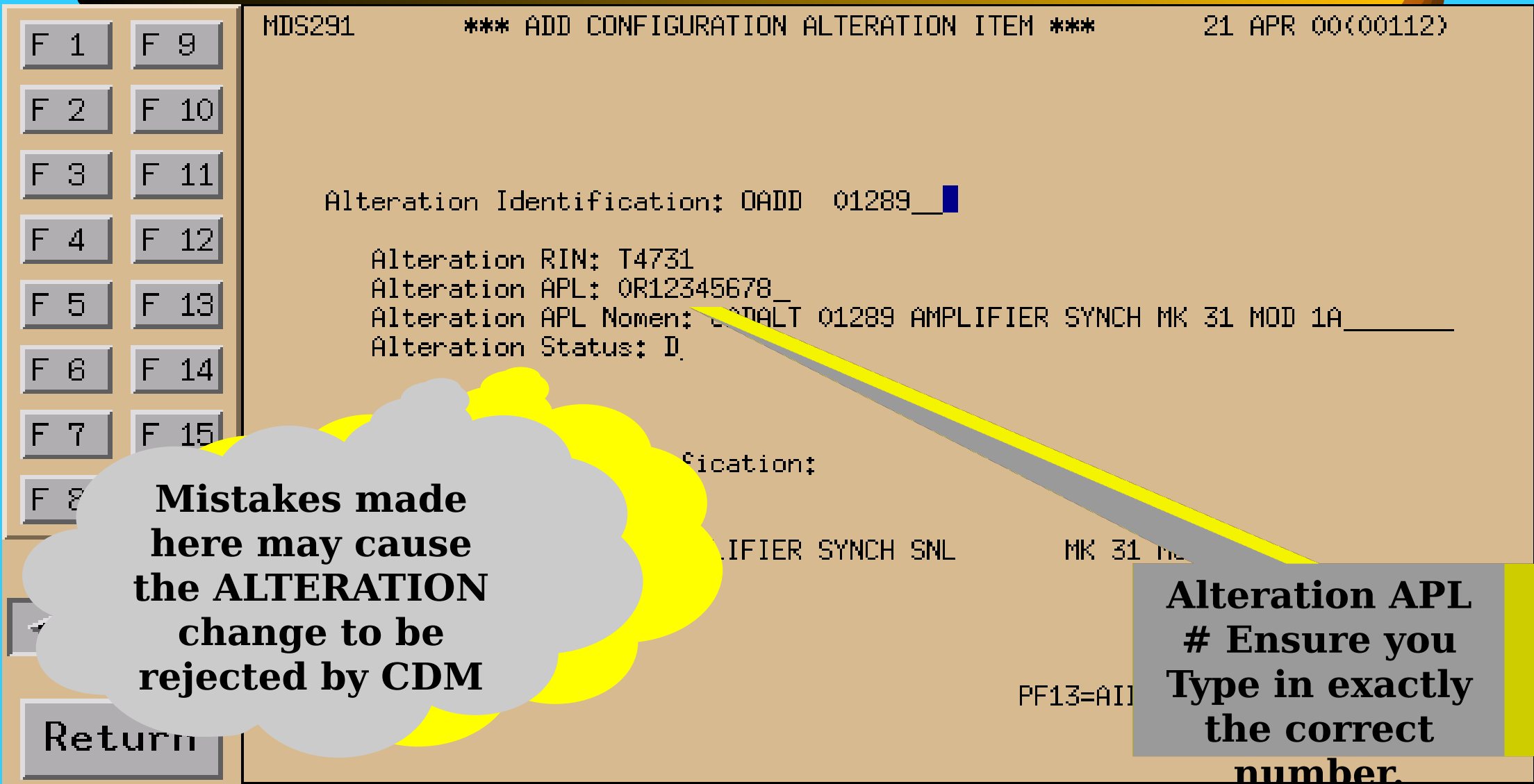
Alteration Recording OPNAV 4790/CK



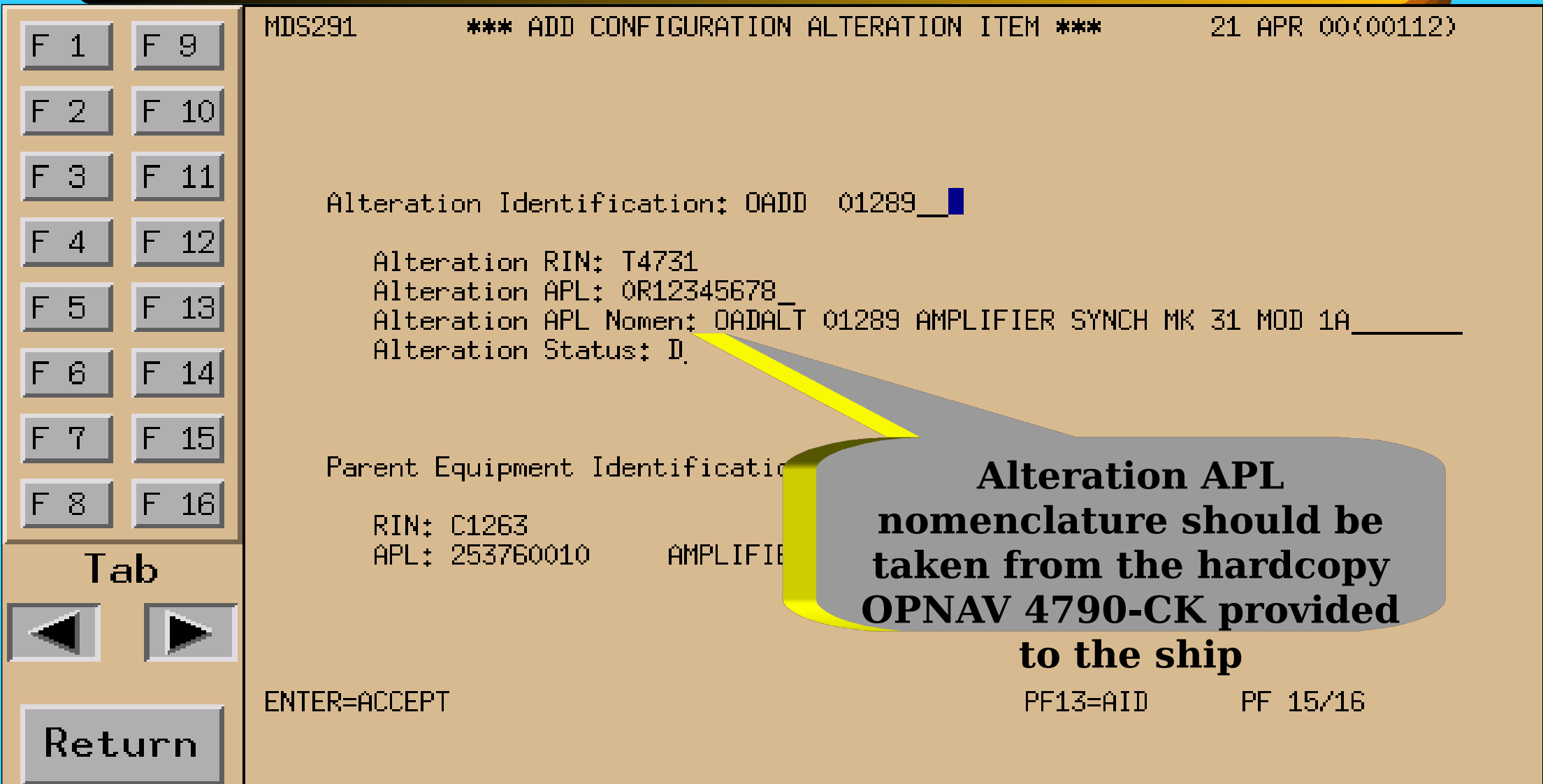
Alteration Recording OPNAV 4790/CK



Alteration Recording OPNAV 4790/CK



Alteration Recording OPNAV 4790/CK



Alteration Recording OPNAV 4790/CK

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS291       *** ADD CONFIGURATION ALTERATION ITEM ***       21 APR 00(00112)


    Alteration Identification: OADD  01289__

       Alteration RIN: T4731
       Alteration APL: OR12345678_
       Alteration APL Nomen: OADALT 01289 AMPLIFIER SYNCH MK 31 MOD 1A______
       Alteration Status: D

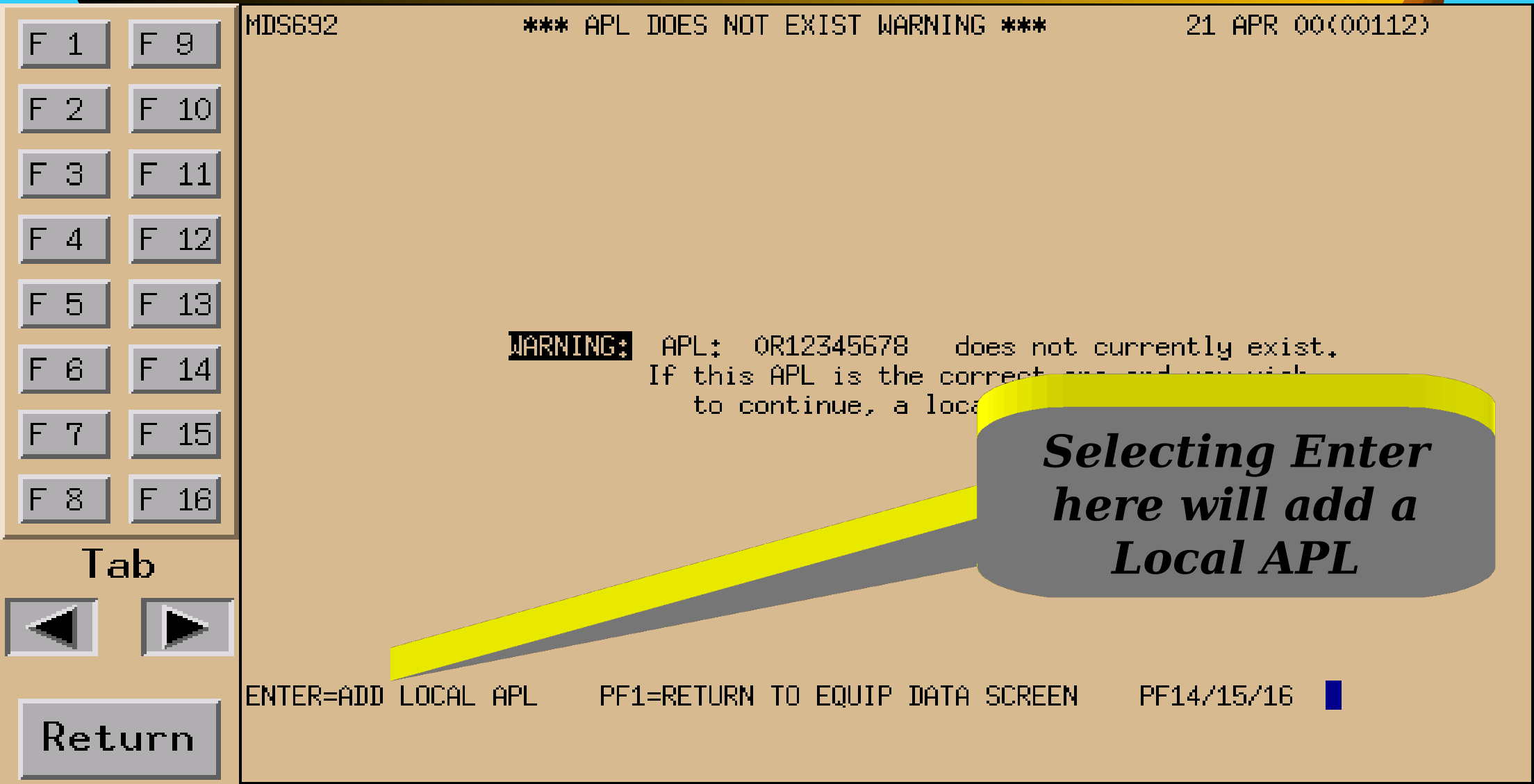

    Parent Equipment Identification:

       RIN: C1263
       APL: 253760010     AMPLIFIER SYNCH SN

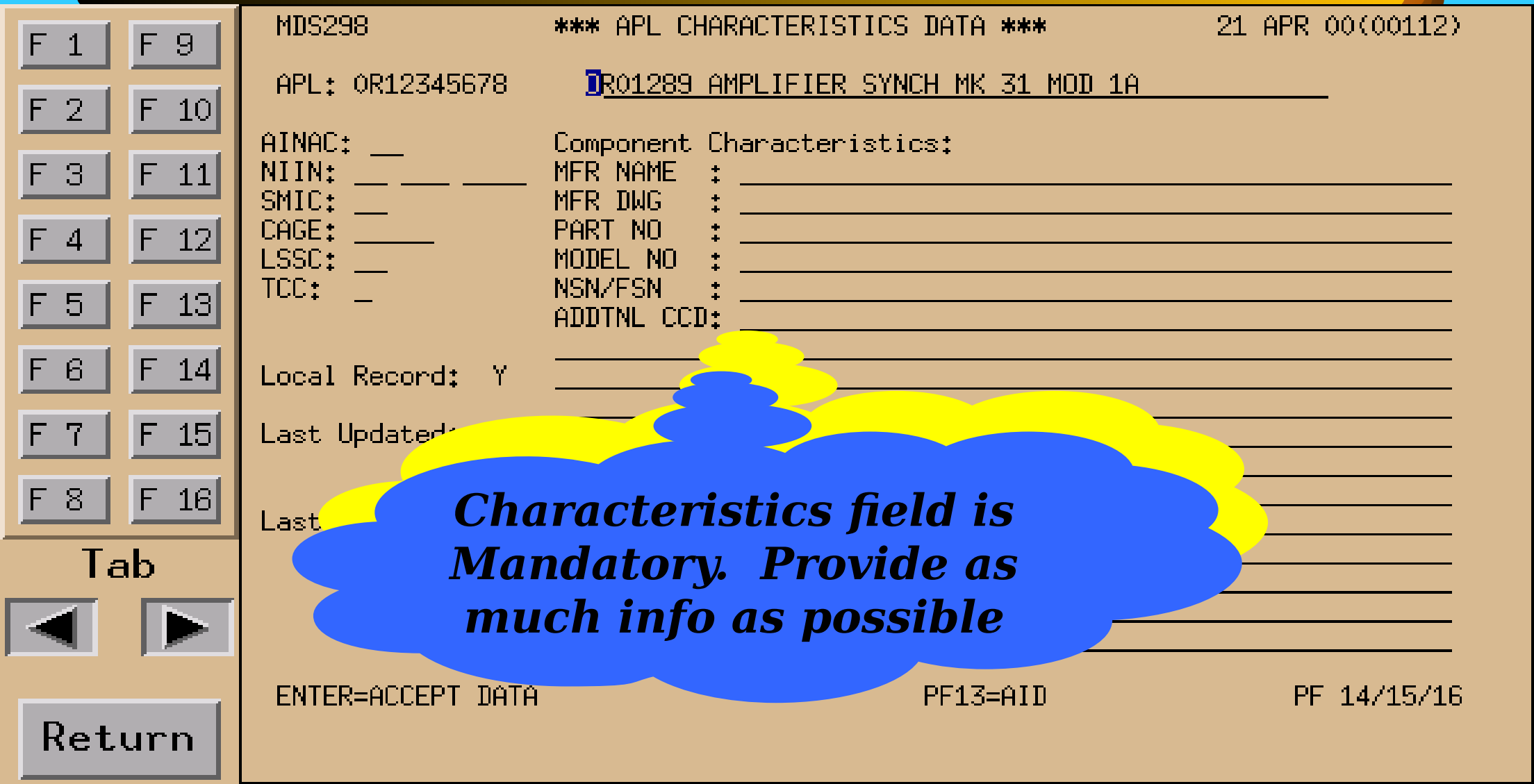

ENTER=ACCEPT                                        PF13=AID      PF 15/16
```

Alteration Status Code

Alteration Recording OPNAV 4790/CK



Alteration Recording OPNAV 4790/CK



Alteration Recording OPNAV 4790/CK

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

MDS796 *** SHIPS ALTERATION/EQUIPMENT FILE UPDATE *** 21 APR 00(00112)

The following action has been completed.

ACTION: Add Alteration record

Job May be reviewed under WC: EE05

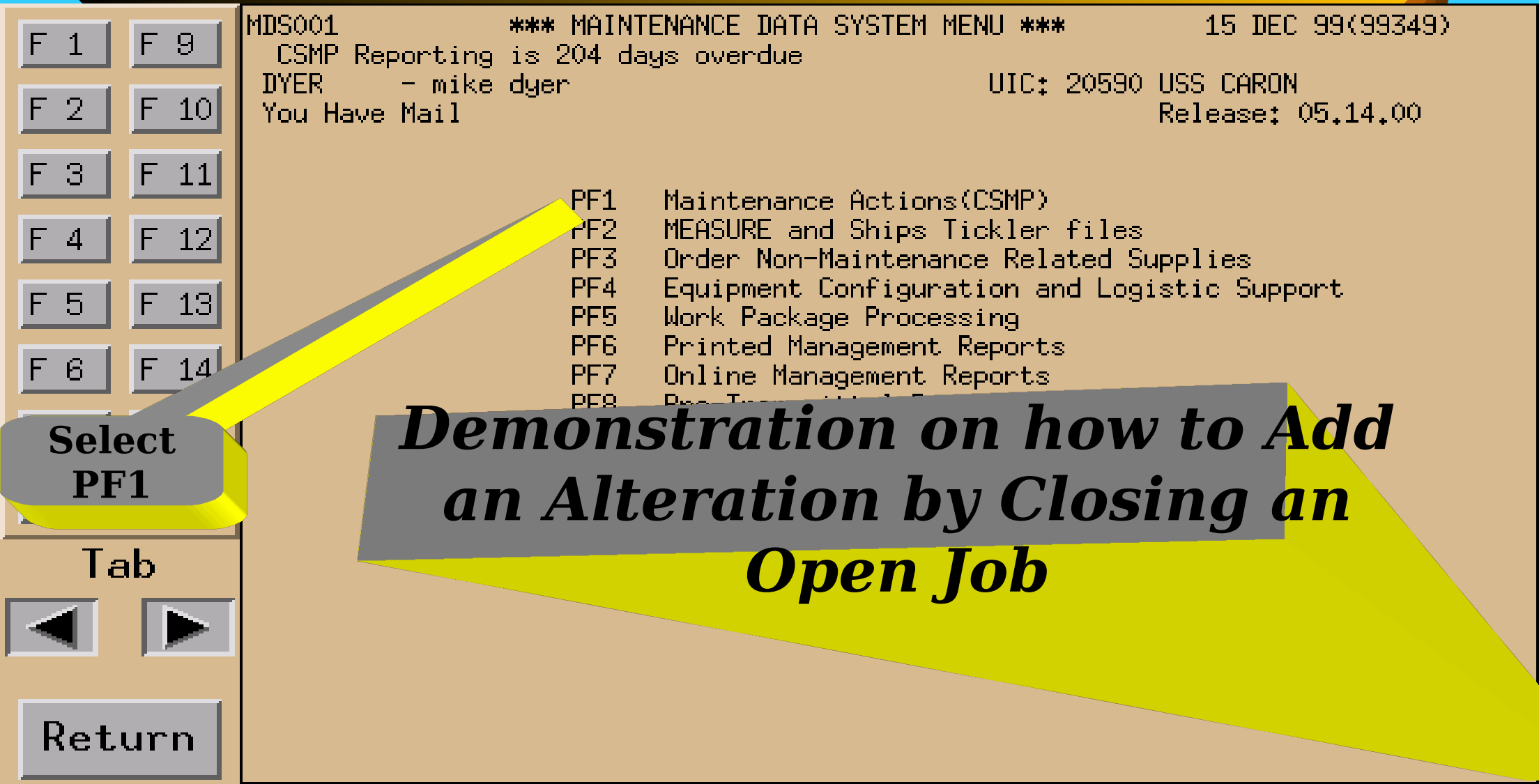
or

JCN: ILOA2136

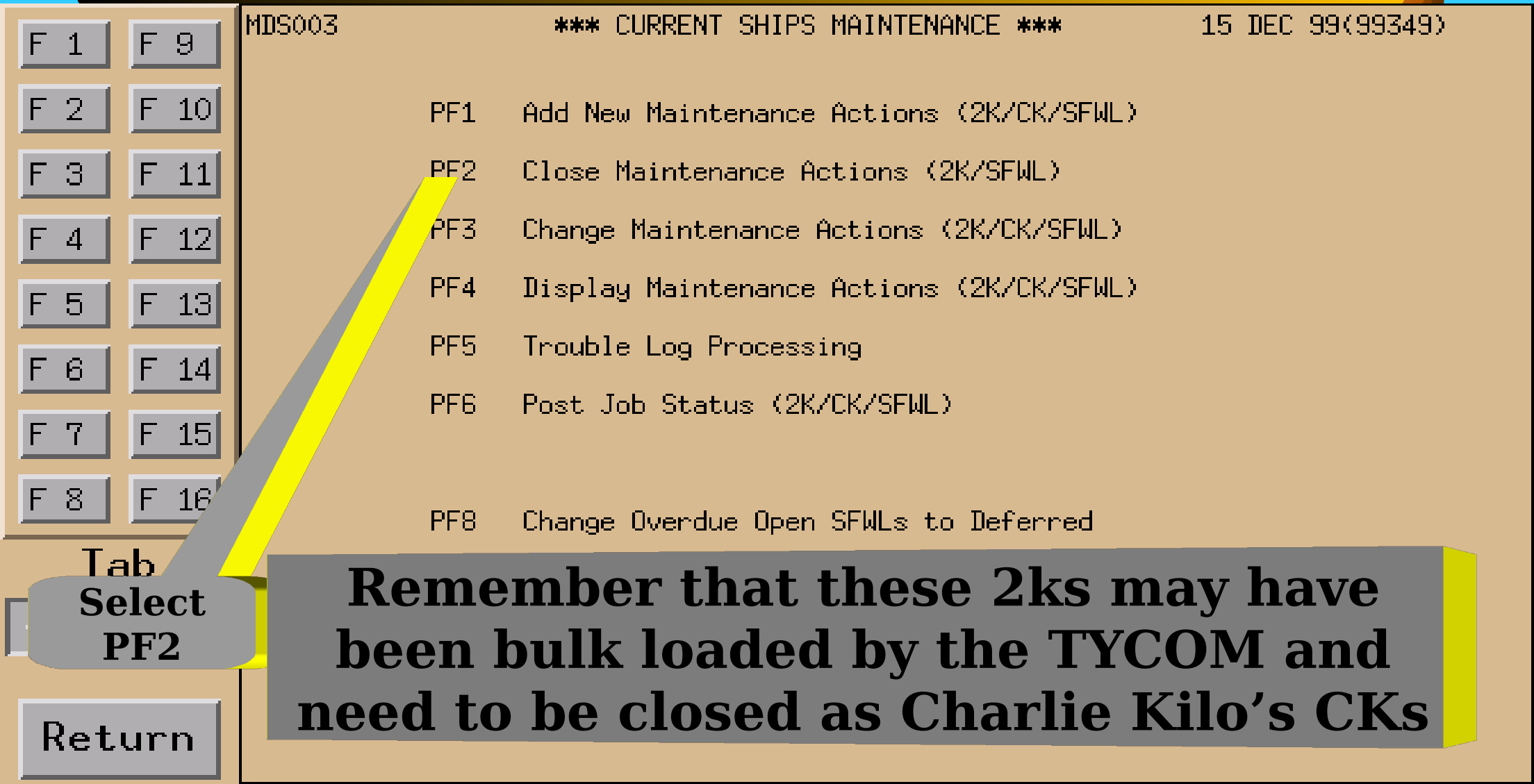
Alteration Record has been added to SNAP

ENTER TO CONTINUE

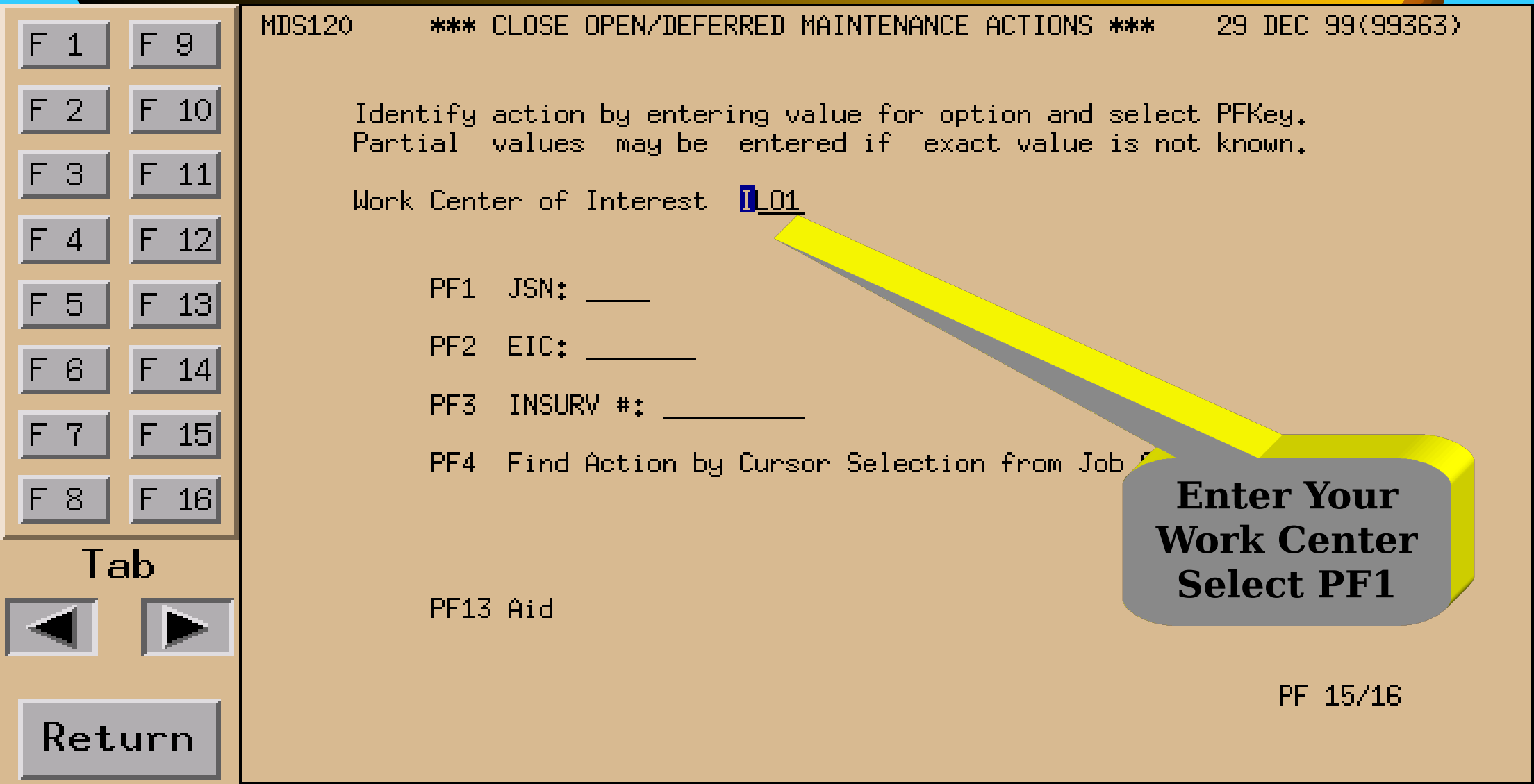
Alteration Recording OPNAV 4790/CK Another Method



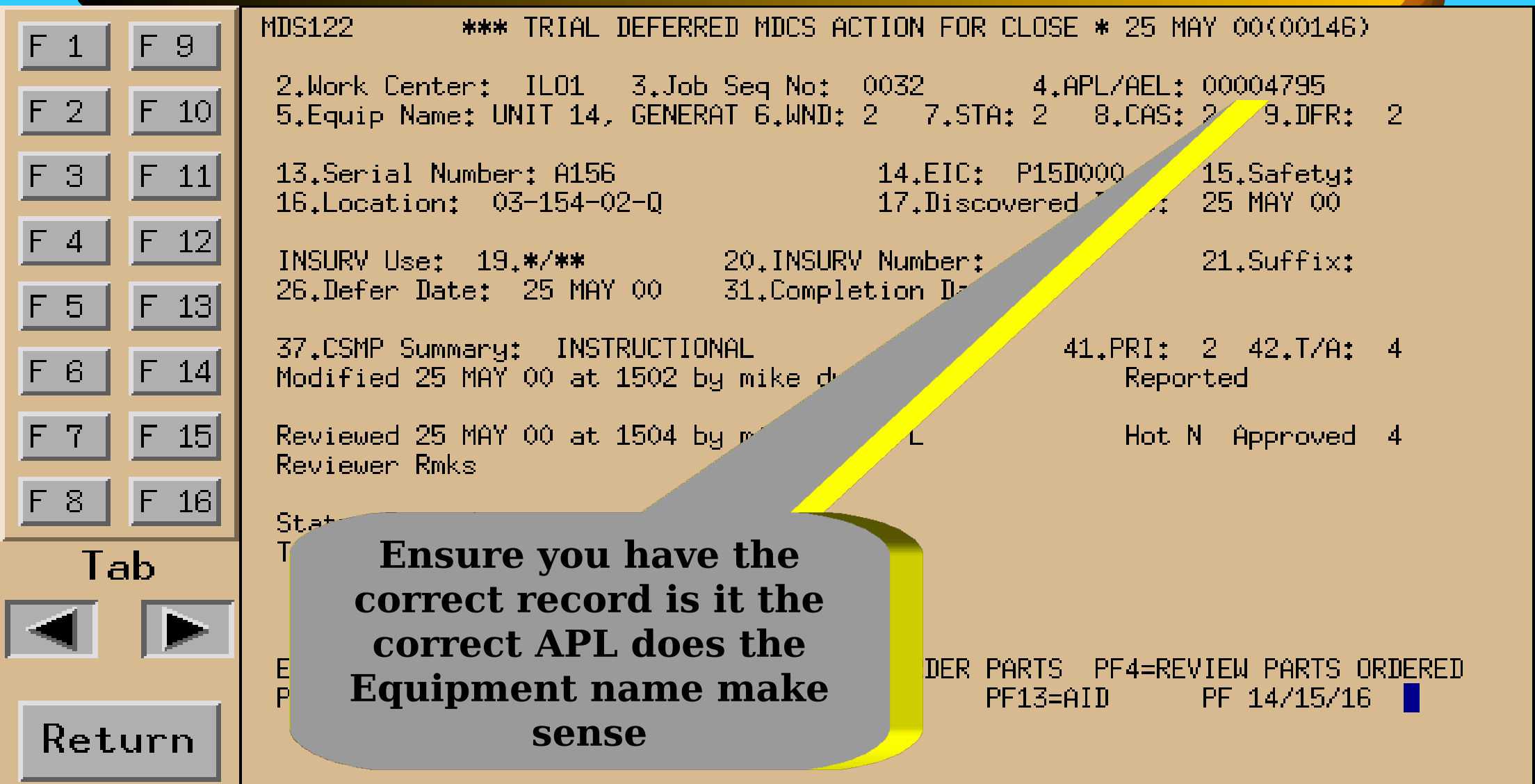
Alteration Recording OPNAV 4790/CK Another Method



Alteration Recording OPNAV 4790/CK Another Method



Alteration Recording OPNAV 4790/CK Another Method


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS122 *** TRIAL DEFERRED MDCS ACTION FOR CLOSE * 25 MAY 00(00146)
2.Work Center: IL01 3.Job Seq No: 0032 4.APL/AEL: 00004795
5.Equip Name: UNIT 14, GENERAT 6.WND: 2 7.STA: 2 8.CAS: 2 9.DFR: 2
13.Serial Number: A156 14.EIC: P15D000 15.Safety:
16.Location: 03-154-02-Q 17.Discovered 25 MAY 00
INSURV Use: 19.*/** 20.INSURV Number: 21.Suffix:
26.Defer Date: 25 MAY 00 31.Completion D
37.CSMP Summary: INSTRUCTIONAL 41.PRI: 2 42.T/A: 4
Modified 25 MAY 00 at 1502 by mike d Reported
Reviewed 25 MAY 00 at 1504 by m L Hot N Approved 4
Reviewer Rmks
Stat
T
DER PARTS PF4=REVIEW PARTS ORDERED
PF13=AID PF 14/15/16
Ensure you have the correct record is it the correct APL does the Equipment name make sense

Alteration Recording OPNAV 4790/CK Another Method

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS122       *** TRIAL DEFERRED MDCS ACTION FOR CLOSE * 25 MAY 00(00146)

 2.Work Center:  ILO1   3.Job Seq No:  0032       4.APL/AEL: 00004795
 5.Equip Name: UNIT 14, GENERAT 6.WND: 2   7.STA: 2   8.CAS: 2   9.DFR:  2

 13.Serial Number: A156                  14.EIC:  P15D000     15.Safety:
 16.Location:  03-154-02-Q               17.Discovered Date:  25 MAY 00

 INSURV Use:  19.*/**          20.INSURV Number:              21.Suffix:
 26.Defer Date:  25 MAY 00     31.Completion Date:

 37.CSMP Summary:  INSTRUCTIONAL                        41.PRI:  2
 Modified 25 MAY 00 at 1502 by mike dyer-FL                 Report

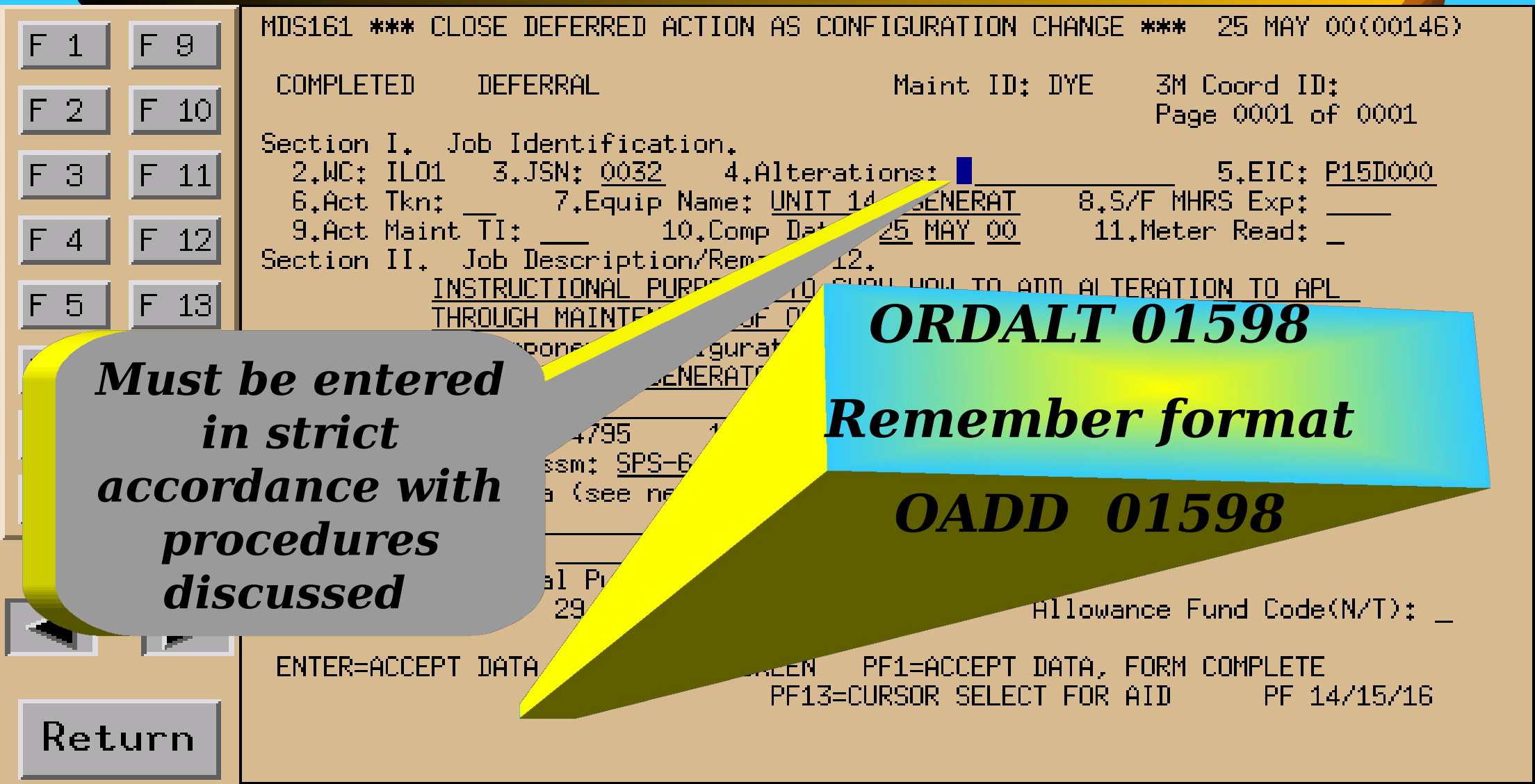
 Reviewed 25 MAY 00 at 1504 by mike dyer-FL                 Hot N
 Reviewer Rmks

 Status Posted            at 0000 by
 Tending  Lead
  Unit     WC   Status

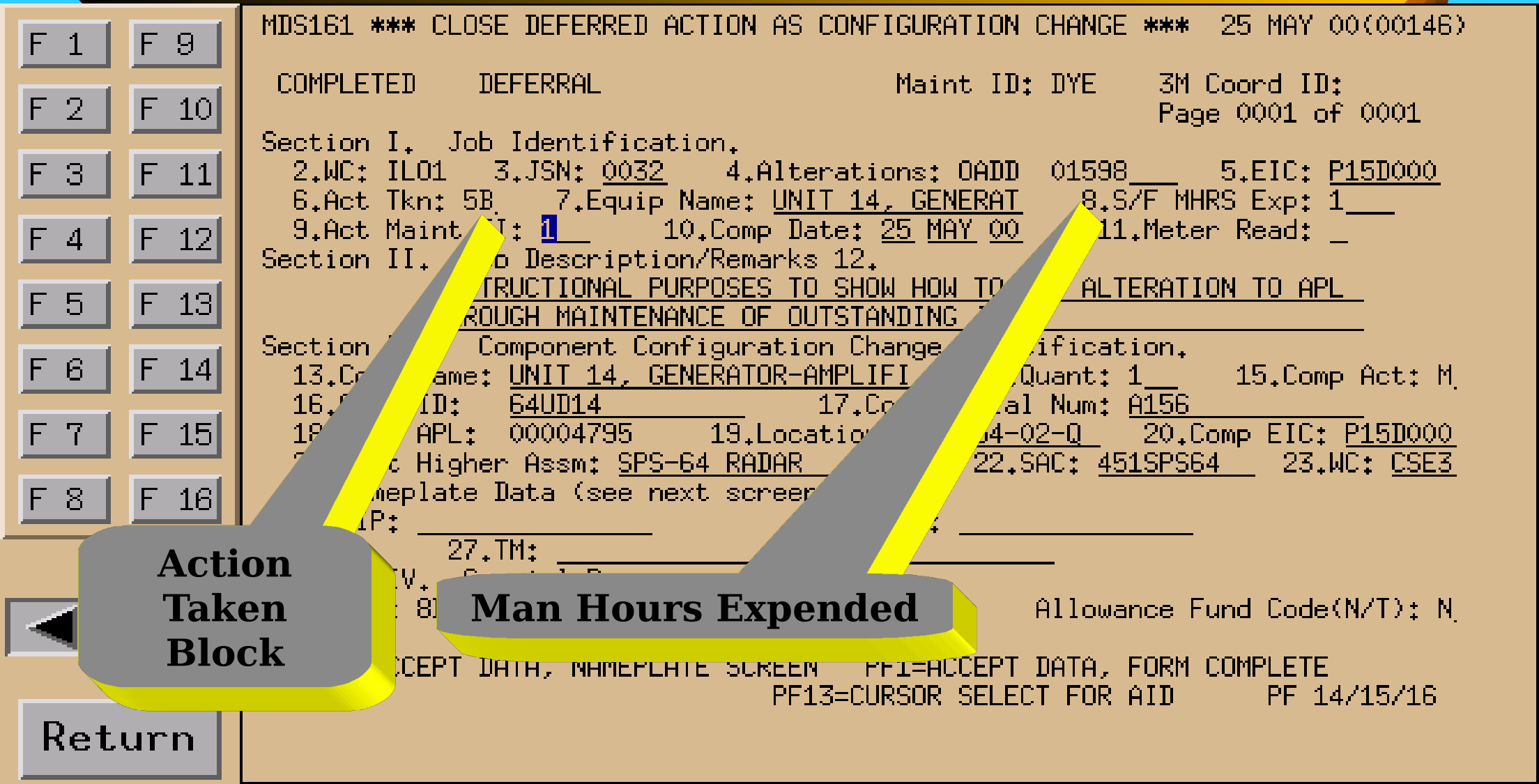

 ENTER=CLOSE    PF1=CLOSE AS CK      PF3=ORDER PARTS  PF4=REVIEW PARTS ORDERED
 PF9=FIRST JOB SEEN        PF12=NEXT JOB       PF13=AID      PF 14/15/16
```

Select PF1 Close as CK

Alteration Recording OPNAV 4790/CK Another Method



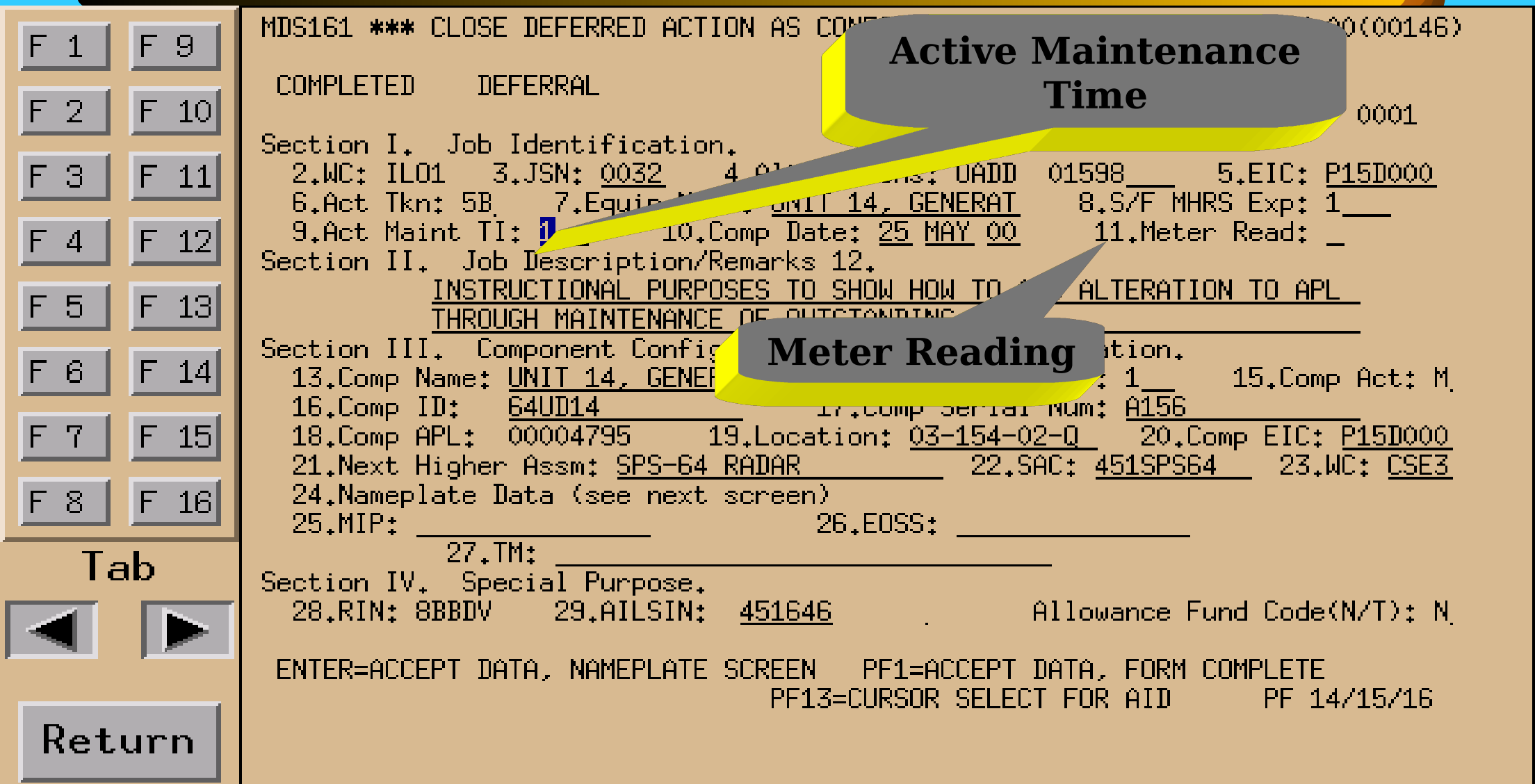
Alteration Recording OPNAV 4790/CK Another Method


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Return
MDS161 *** CLOSE DEFERRED ACTION AS CONFIGURATION CHANGE *** 25 MAY 00(00146)
COMPLETED DEFERRAL
Maint ID: DYE
3M Coord ID:
Page 0001 of 0001
Section I. Job Identification.
2.WC: ILO1 3.JSN: 0032 4.Alterations: OADD 01598___ 5.EIC: P15D000
6.Act Tkn: 5B 7.Equip Name: UNIT 14, GENERAT 8.S/F MHRS Exp: 1___
9.Act Maint ID: 1 10.Comp Date: 25 MAY 00 11.Meter Read: _
Section II. Description/Remarks 12.
TRUCTIONAL PURPOSES TO SHOW HOW TO ALTERATION TO APL
ROUGH MAINTENANCE OF OUTSTANDING
Section Component Configuration Change ification.
13.Co ame: UNIT 14, GENERATOR-AMPLIFI Quant: 1__ 15.Comp Act: M
16. ID: 64UD14 17.Co al Num: A156
18. APL: 00004795 19.Locatio 4-02-Q 20.Comp EIC: P15D000
c Higher Assm: SPS-64 RADAR 22.SAC: 451SPS64 23.WC: CSE3
meplate Data (see next screen
P: 27.TM:
Allowance Fund Code(N/T): N
CCEPT DATA, NAMEPLATE SCREEN PF1=ACCEPT DATA, FORM COMPLETE
PF13=CURSOR SELECT FOR AID PF 14/15/16
Action Taken Block
Man Hours Expended

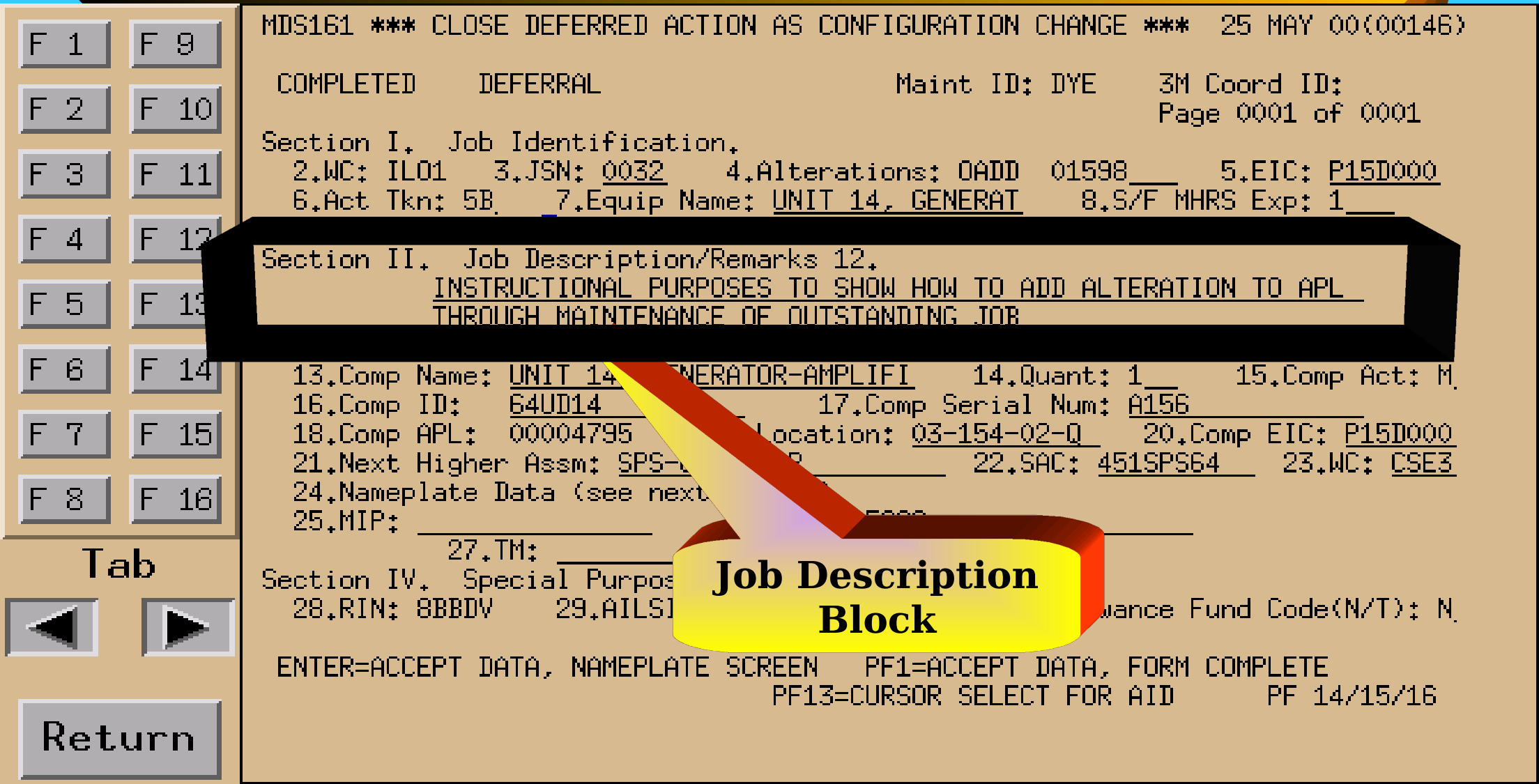
Alteration Recording OPNAV 4790/CK Another Method

- Action taken block #6
  - 5A = partially completed alteration
  - 5B = fully completed alteration
  - 5C = fully completed equivalent to alteration
  - 5D = alteration directive not applicable
- S/F man hours expended
  - Rounded to nearest whole hour

Alteration Recording OPNAV 4790/CK Another Method



Alteration Recording OPNAV 4790/CK Another Method


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS161 *** CLOSE DEFERRED ACTION AS CONFIGURATION CHANGE *** 25 MAY 00(00146)
COMPLETED DEFERRAL
Maint ID: DYE
3M Coord ID:
Page 0001 of 0001
Section I. Job Identification.
2.WC: ILO1 3.JSN: 0032 4.Alterations: OADD 01598___ 5.EIC: P15D000
6.Act Tkn: 5B 7.Equip Name: UNIT 14, GENERAT 8.S/F MHRS Exp: 1___
Section II. Job Description/Remarks 12.
INSTRUCTIONAL PURPOSES TO SHOW HOW TO ADD ALTERATION TO APL
THROUGH MAINTENANCE OF OUTSTANDING JOB
13.Comp Name: UNIT 14 ENERATOR-AMPLIFI 14.Quant: 1__ 15.Comp Act: M
16.Comp ID: 64UD14 17.Comp Serial Num: A156
18.Comp APL: 00004795 Location: 03-154-02-Q 20.Comp EIC: P15D000
21.Next Higher Assm: SPS- 22.SAC: 451SPS64 23.WC: CSE3
24.Nameplate Data (see next
25.MIP:
27.TM:
Section IV. Special Purpos
28.RIN: 8BBDV 29.AILS
wance Fund Code(N/T): N
ENTER=ACCEPT DATA, NAMEPLATE SCREEN PF1=ACCEPT DATA, FORM COMPLETE
PF13=CURSOR SELECT FOR AID PF 14/15/16
Job Description Block

Alteration Recording OPNAV 4790/CK Another Method

- Active maintenance time block #9:
  - MANDATORY FIELD when used for a selected equipment. Enter the number of hours, rounded to the nearest hour, spent performing the maintenance being reported

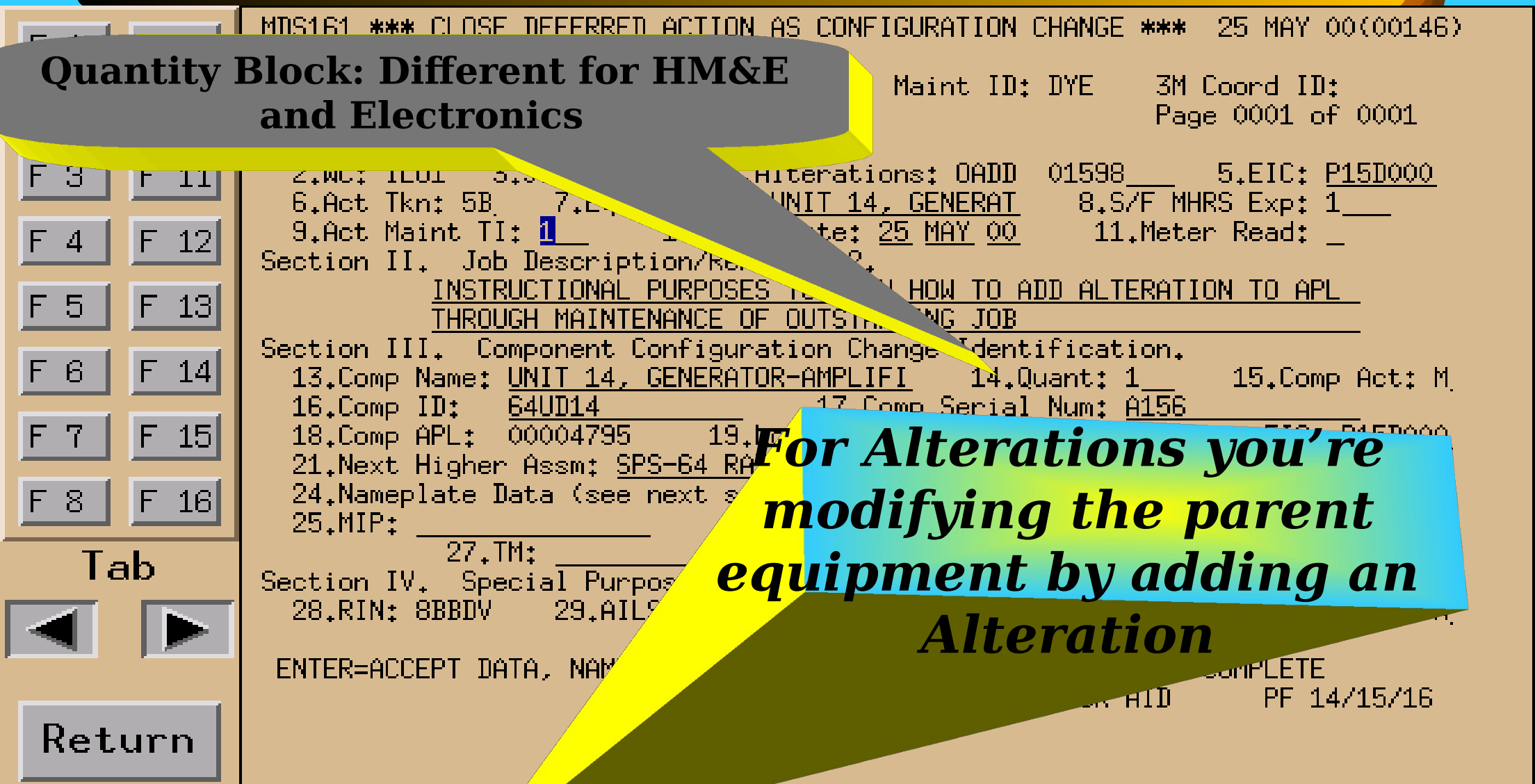
Alteration Recording OPNAV 4790/CK Another Method

- Meter reading (block 11)
  - Enter an X if any of the equipments to be identified in section III (component configuration change identification) have time meters installed. Document these time meter readings in section II, job description/remarks (block 12)

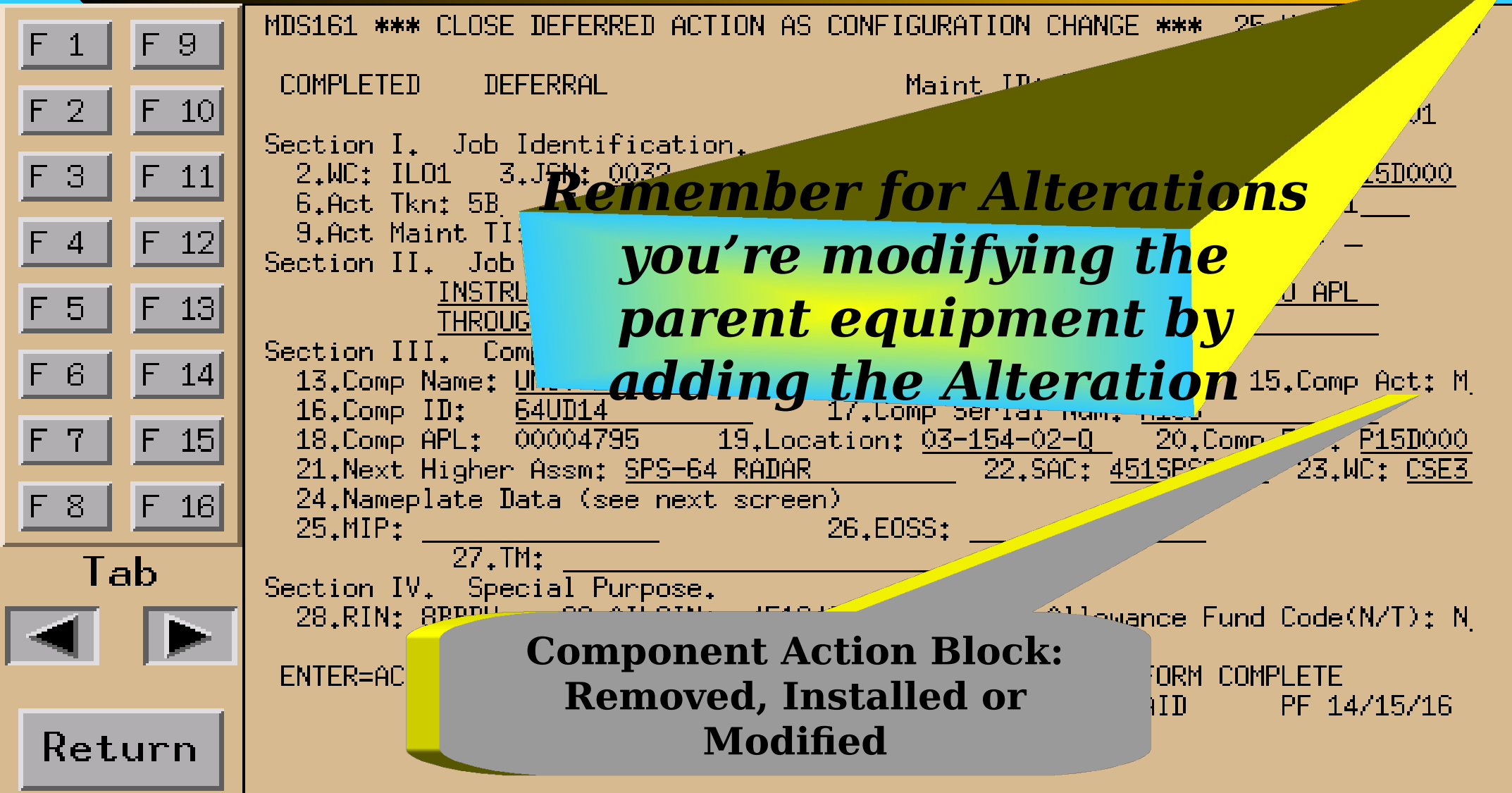
Alteration Recording OPNAV 4790/CK Another Method

- Job description/remarks
  - Any remarks desired relating to the accomplishment of the maintenance action being reported is entered in this field
  - To report equipment which is on board but not supported by the COSAL or equipment that is no longer on board but is COSAL supported, enter "ON BOARD - NOT COSAL SUPPORTED" or "NOT ON BOARD - COSAL SUPPORTED", as appropriate

Alteration Recording OPNAV 4790/CK Another Method



Alteration Recording OPNAV 4790/CK Another Method



Remember for Alterations you're modifying the parent equipment by adding the Alteration

Component Action Block: Removed, Installed or Modified

Alteration Recording OPNAV 4790/CK Another Method

- Quantity (block 14)
  - Mandatory entry. For HM&E equipment enter the number of like components identified in block 13 in the user's work center that were removed, installed or modified as a result of accomplishing the maintenance action identified in section i. If a serial number is entered in block 17, the quantity entered must be 1, because only one piece of equipment can be uniquely identified by a single serial number. When entering a quantity greater than one, blank out the serial number data field

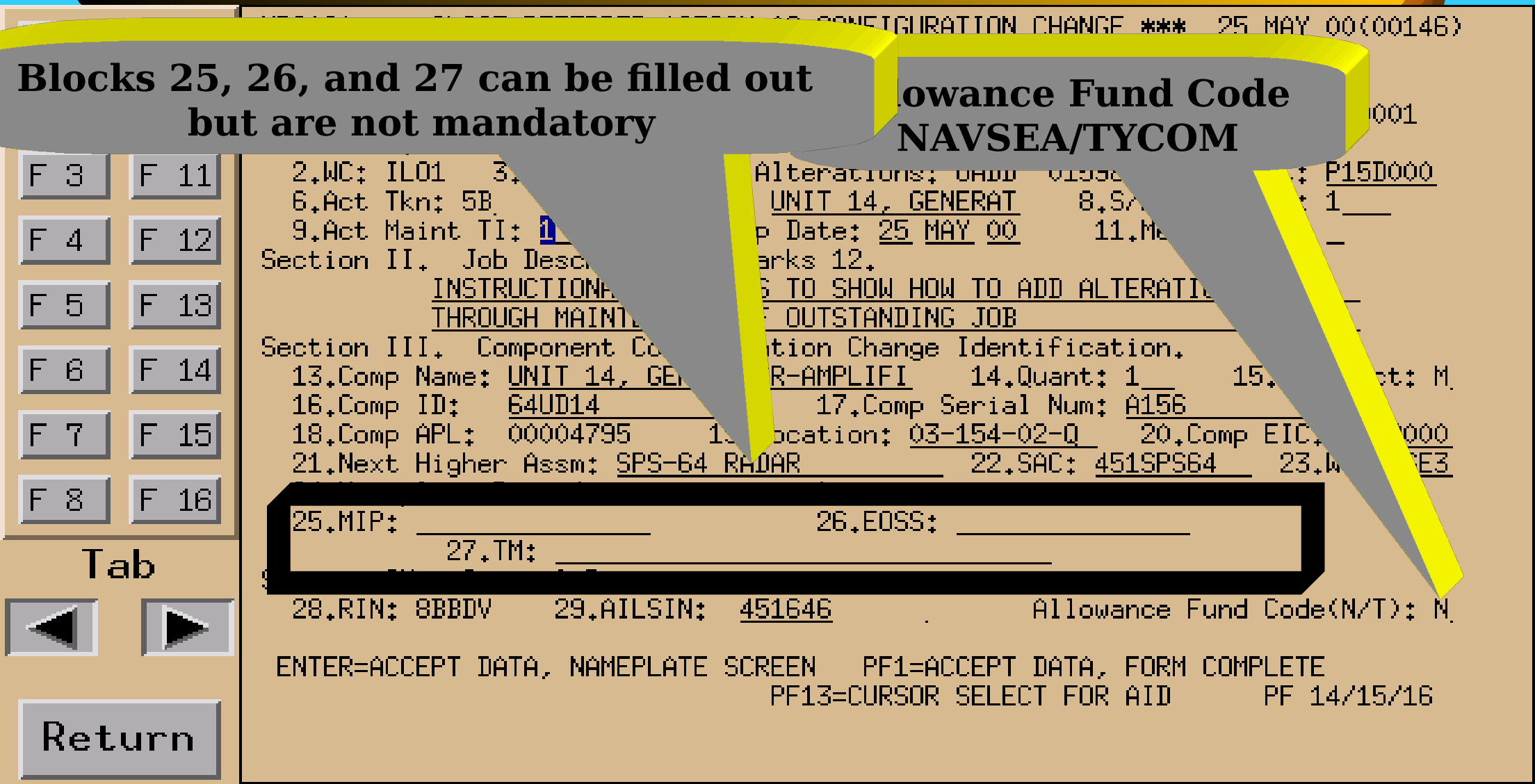
Alteration Recording OPNAV 4790/CK Another Method

- Quantity (block 14)
  - For electronics and ordnance equipment, enter a quantity of 1 if a serial number is entered in block 17 (component serial number). If there are two or more like components with serial numbers in the user's work center, additional pages must be completed for each component. The user may accomplish this through the add new maintenance actions function after equipment selection

Alteration Recording OPNAV 4790/CK Another Method

- Component action (block 15)
  - Mandatory entry. Enter the code that indicates whether the component identified in block 13 (component name) was removed (R), installed (I), or modified (M). The “I” code is valid only when adding a CK on a new equipment
  - The “I” code is valid only when adding a CK on a new equipment

Alteration Recording OPNAV 4790/CK Another Method



Alteration Recording OPNAV 4790/CK Another Method

- Allowance fund code
  - An entry of **N (NAVSEA)** or **T (TYCOM/ship)** is required indicating who is responsible for the funding of this configuration change. The funding policy for COSAL changes incident to and between overhauls and other availabilites is as follows:

Alteration Recording OPNAV 4790/CK Another Method

- Allowance fund code
  - Authorized charges to NAVSEA COSAL funds. Proper charges are chargeable to NAVSEA COSAL funds when all of the following conditions apply:
    - The deficiencies are NSF (navy stock fund) or DSF (defense stock fund) type items (NSN or part number)
    - The deficiencies result from new allowances or allowance changes approved by the CNO, CNM/SYSCOMS
    - The changes are reflected in an APL, AEL, AAP, or published COSAL. (APL includes preliminary and interim parts lists published by NAVICP.)

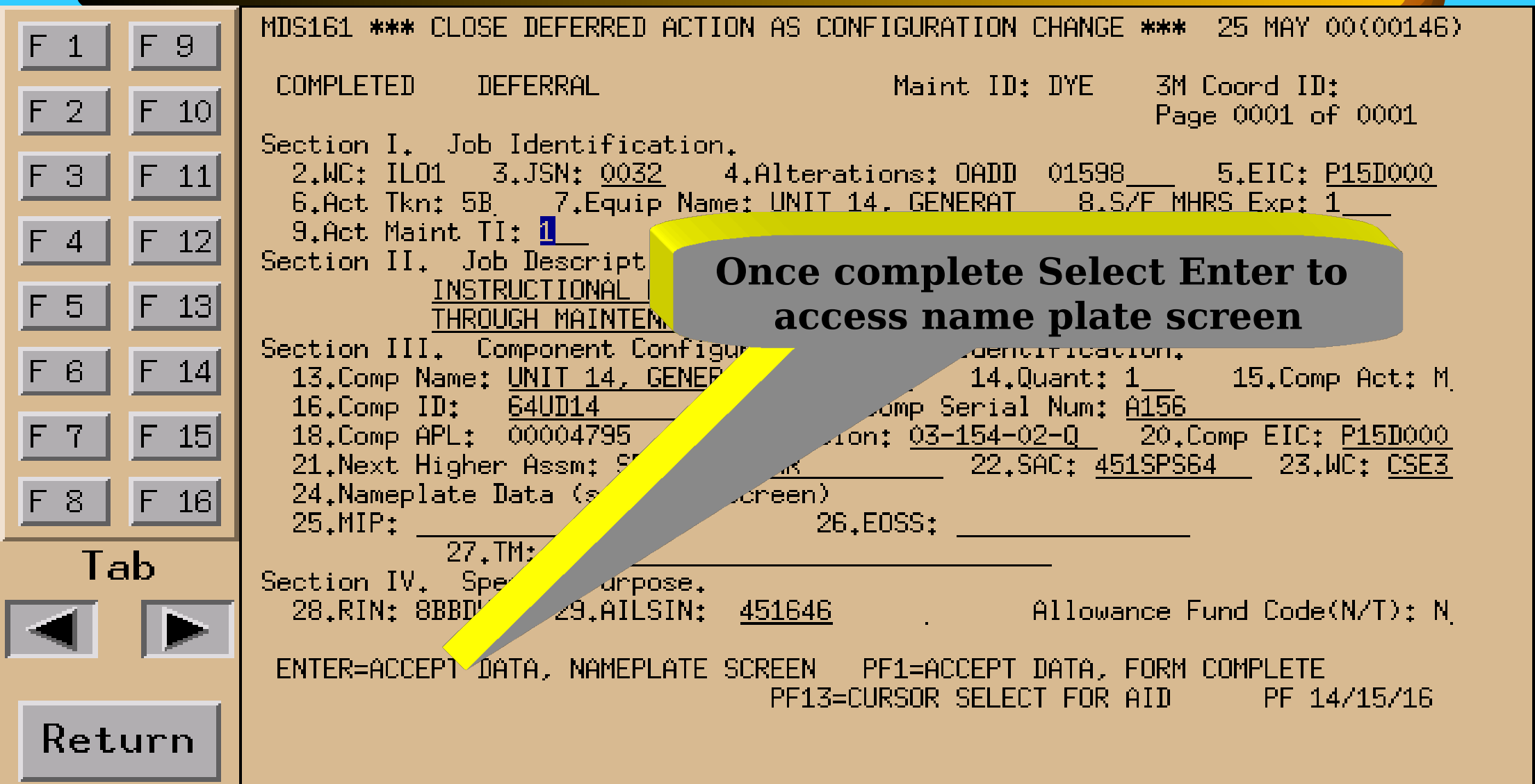
Alteration Recording OPNAV 4790/CK Another Method

- Allowance fund code
  - Authorized charges to TYCOM funds. Proper charges are chargeable to TYCOM funds when all of the following conditions apply:
    - The deficiencies are for general use consumables not listed on APL/AEL/AAP or published COSAL
    - The deficiencies have resulted from previous draw down of stocks, i.E., Have resulted solely from usage and are not associated with an allowance change
    - The deficiencies have resulted from a requirement for replenishment or replacement of OSI (operating space item)

Alteration Recording OPNAV 4790/CK Another Method

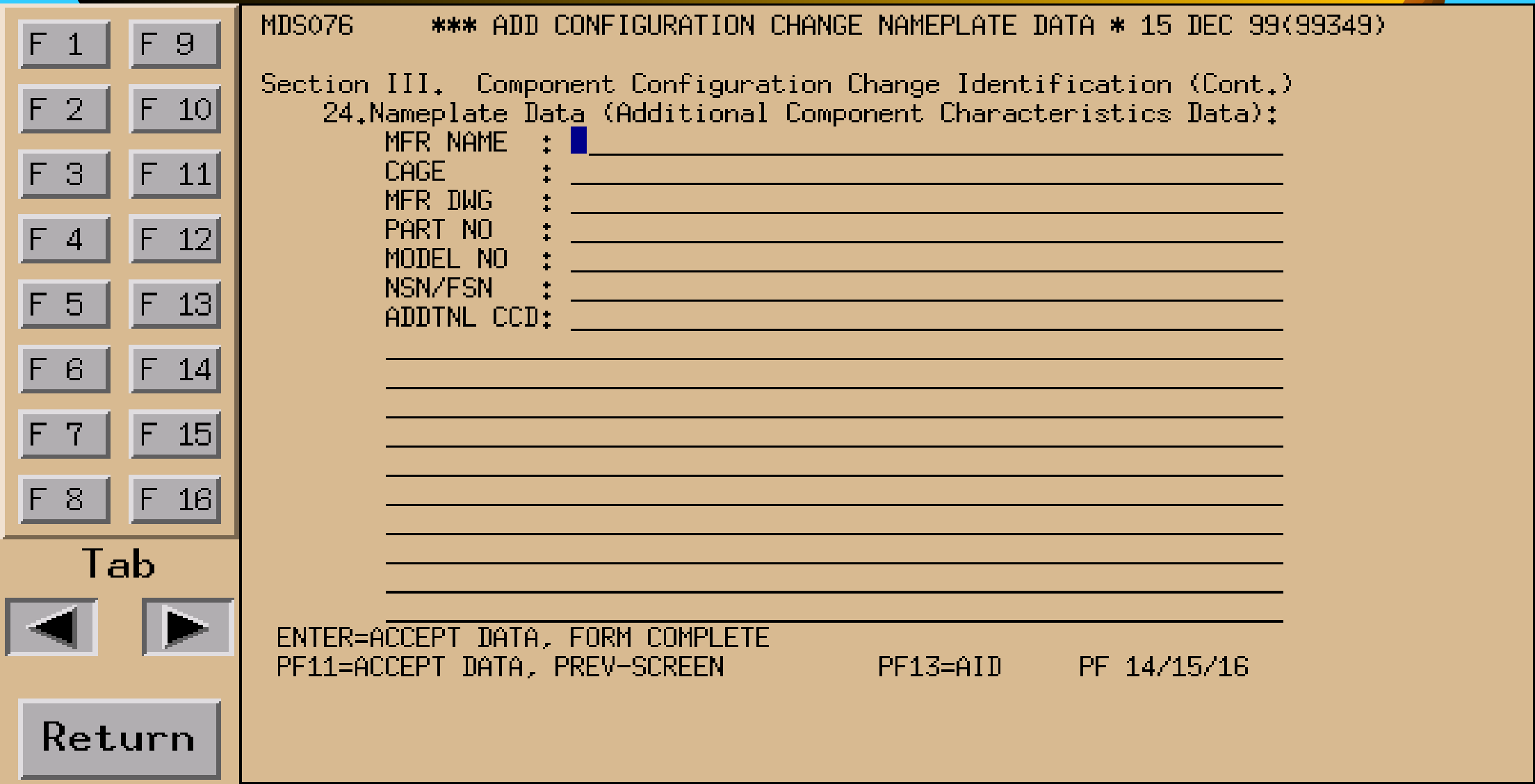
- Allowance fund code
  - Authorized charges to TYCOM funds. Proper charges are chargeable to TYCOM funds when all of the following conditions apply:
    - The deficiencies represent TYCOM approved quantities in excess of allowance
    - The deficiencies represent additional range and depth adds based on the ILO teams evaluation of usage and CNO specified endurance levels or wartime readiness factors

Alteration Recording OPNAV 4790/CK Another Method


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS161 *** CLOSE DEFERRED ACTION AS CONFIGURATION CHANGE *** 25 MAY 00(00146)
COMPLETED DEFERRAL Maint ID: DYE 3M Coord ID:
Page 0001 of 0001
Section I. Job Identification.
2.WC: ILO1 3.JSN: 0032 4.Alterations: OADD 01598___ 5.EIC: P15D000
6.Act Tkn: 5B 7.Equip Name: UNIT 14, GENERAT 8.S/F MHRS Exp: 1___
9.Act Maint TI: 1__
Section II. Job Descript
INSTRUCTIONAL
THROUGH MAINTEN
Section III. Component Configu
13.Comp Name: UNIT 14, GENER 14.Quant: 1__ 15.Comp Act: M
16.Comp ID: 64UD14 omp Serial Num: A156
18.Comp APL: 00004795 ion: 03-154-02-Q 20.Comp EIC: P15D000
21.Next Higher Assm: S 22.SAC: 451SPS64 23.WC: CSE3
24.Nameplate Data (s creen)
25.MIP: 26.EOSS:
27.TM:
Section IV. Spe urpose.
28.RIN: 8BBD 29.AILSIN: 451646 Allowance Fund Code(N/T): N
ENTER=ACCEPT DATA, NAMEPLATE SCREEN PF1=ACCEPT DATA, FORM COMPLETE
PF13=CURSOR SELECT FOR AID PF 14/15/16

Once complete Select Enter to access name plate screen

Alteration Recording OPNAV 4790/CK Another Method



Alteration Recording OPNAV 4790/CK Another Method

- This screen lets you add nameplate data if there is an existing APL for the equipment. You must enter manufactures name on the screen. Enter as much specific data as is available. Enter any additional data that will help to identify the equipment, component, or equipage, and give a description of the use or operation of the equipment

Alteration Recording OPNAV 4790/CK Another Method

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

MDS300 *** CLOSE OPEN 2K AS CK NEW ALTERATION ID WARNING ** 25 MAY 00(00146)

* * * N O T E * * *

Equipment RIN: 8BBDV
Alteration ID: OADD 01598

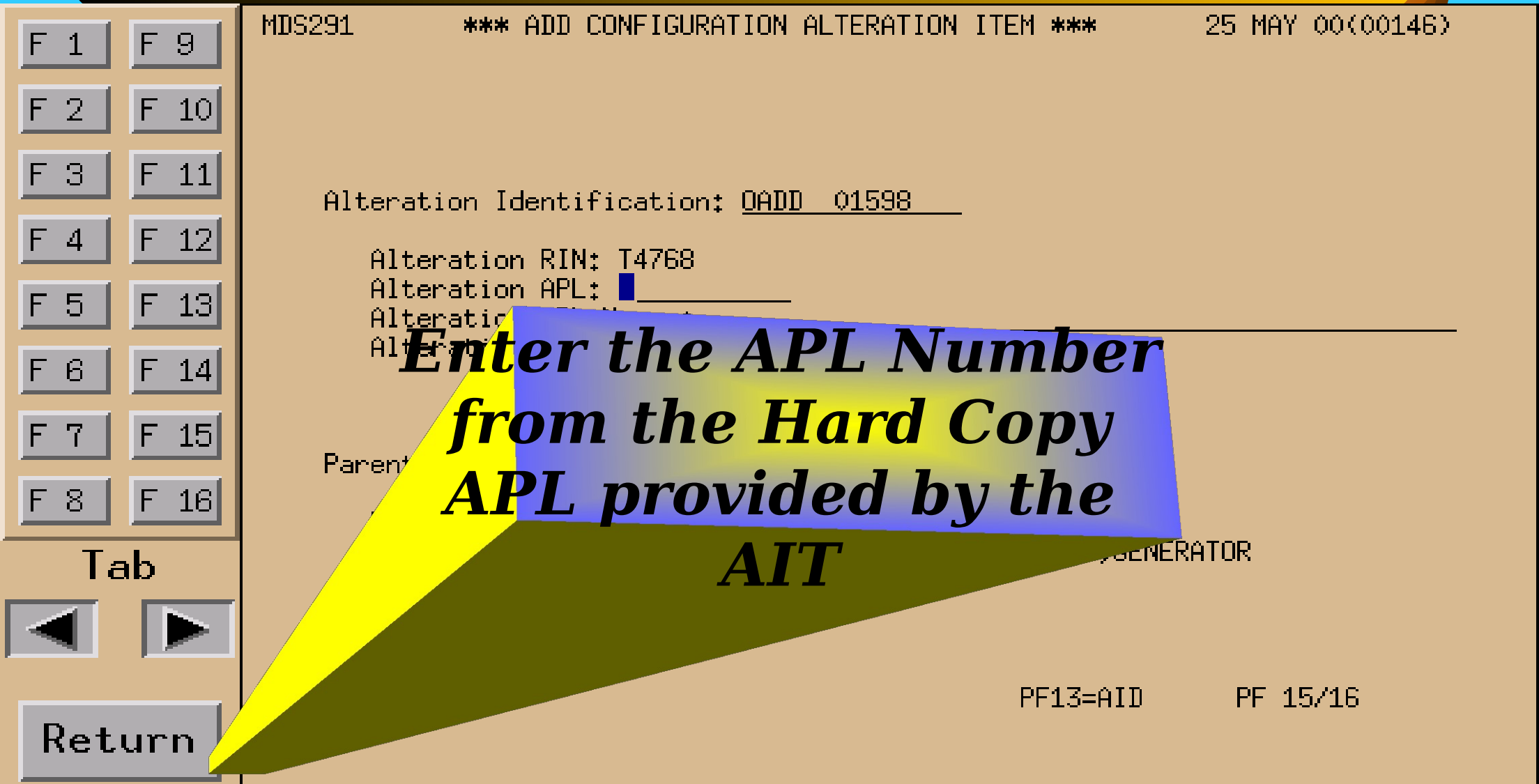
The alteration you have entered in Blk 4 of the 4790 CK form was not found in the Ship's files.
Press ENTER to add this alteration to the system.
Press PF1 to return to the Configuration Change detail screen.

ENTER Add Alteration

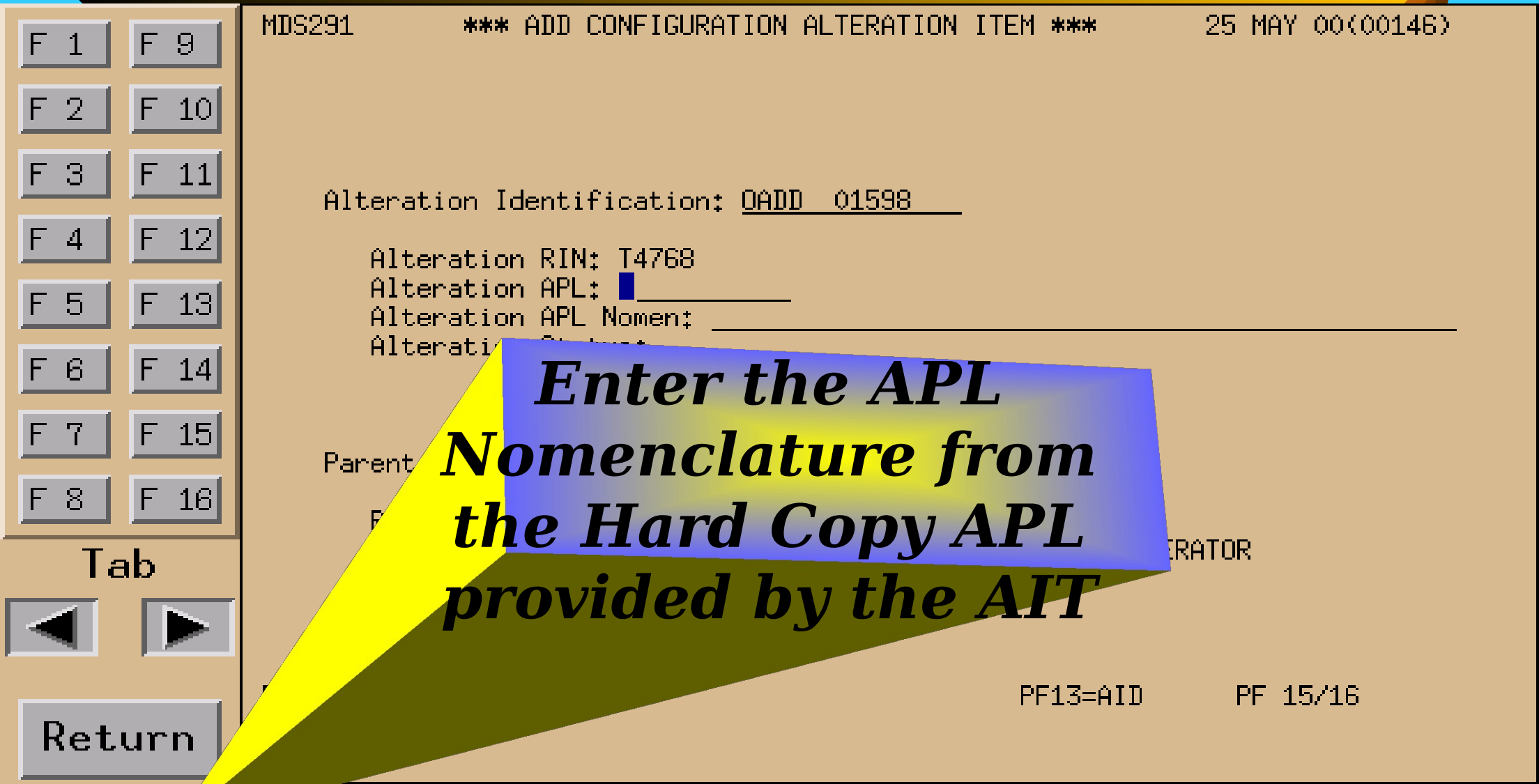
PF1 Retu to CK Detail Screen

Select Enter

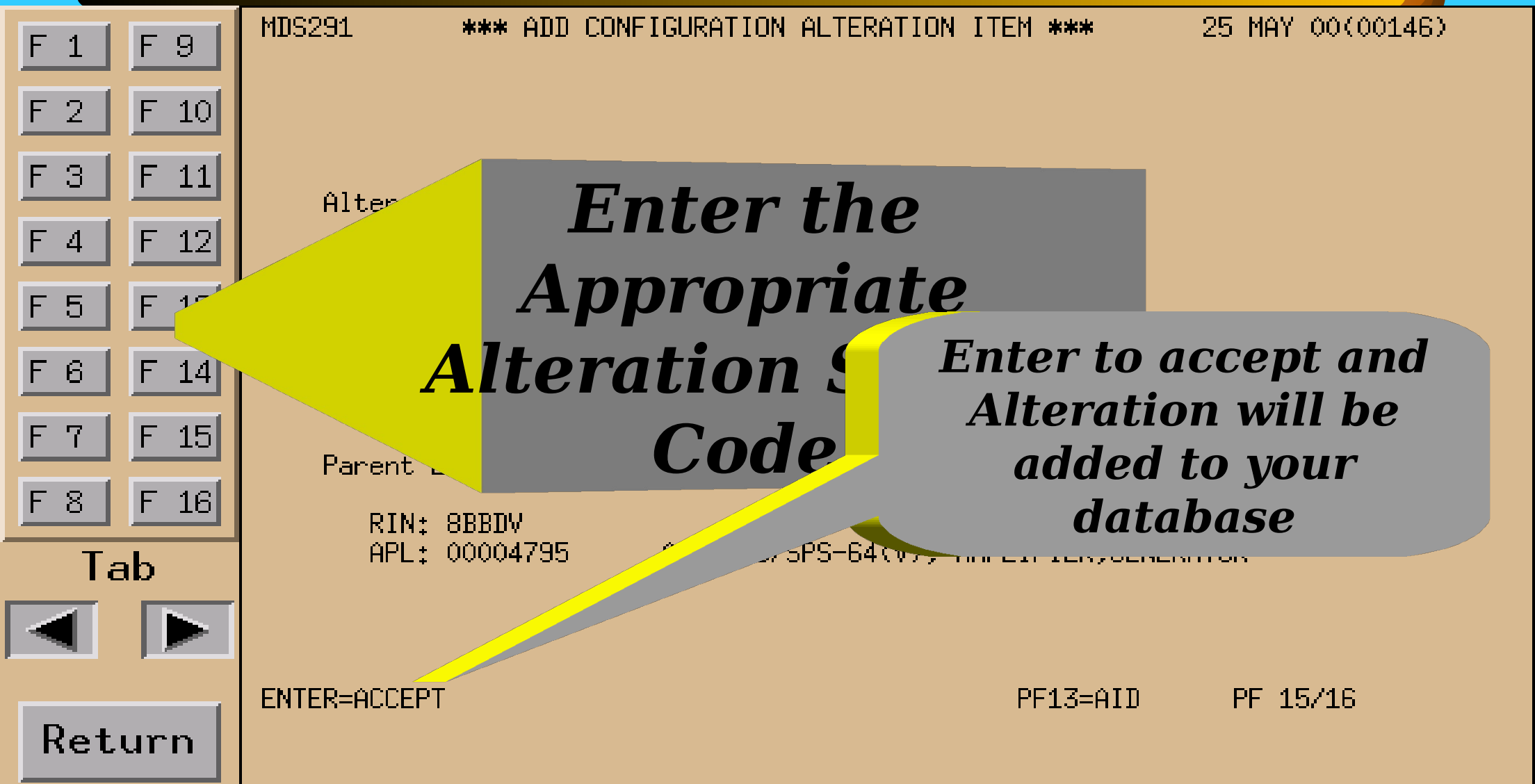
Alteration Recording OPNAV 4790/CK Another Method



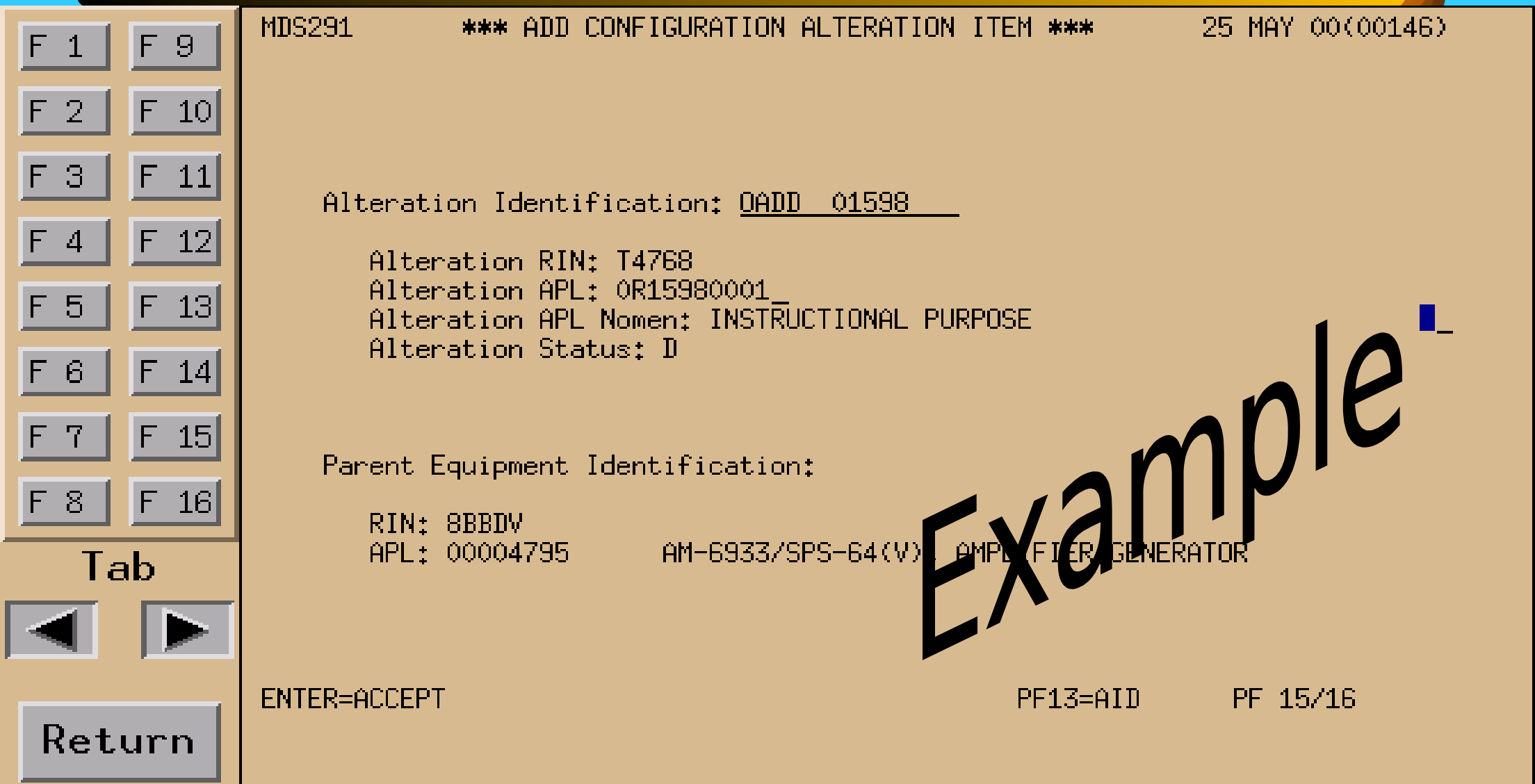
Alteration Recording OPNAV 4790/CK Another Method



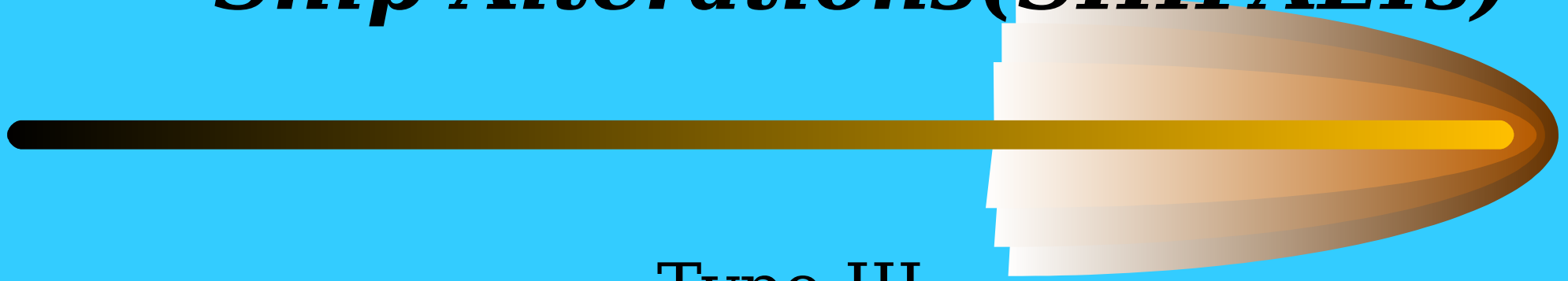
Alteration Recording OPNAV 4790/CK Another Method



Alteration Recording OPNAV 4790/CK Another Method



Ship Alterations(SHIPALTs)



Type III

Logistic support data records

Ship Alteration (SHIPALTs)

- In SNAP OMMS software, SHIPALTs are treated as logistic records and are reported with logistic type = SA
- Alterations identification
  - Enter the alteration identification exactly as it appears on the SHIPALT record
  - A title code of “D” “F” “K” or “P” must be shown on the authorizing directive

Ship Alteration (SHIPALTs)

- Example:
  - SADDG 01598 D

SA DDG 01598 D

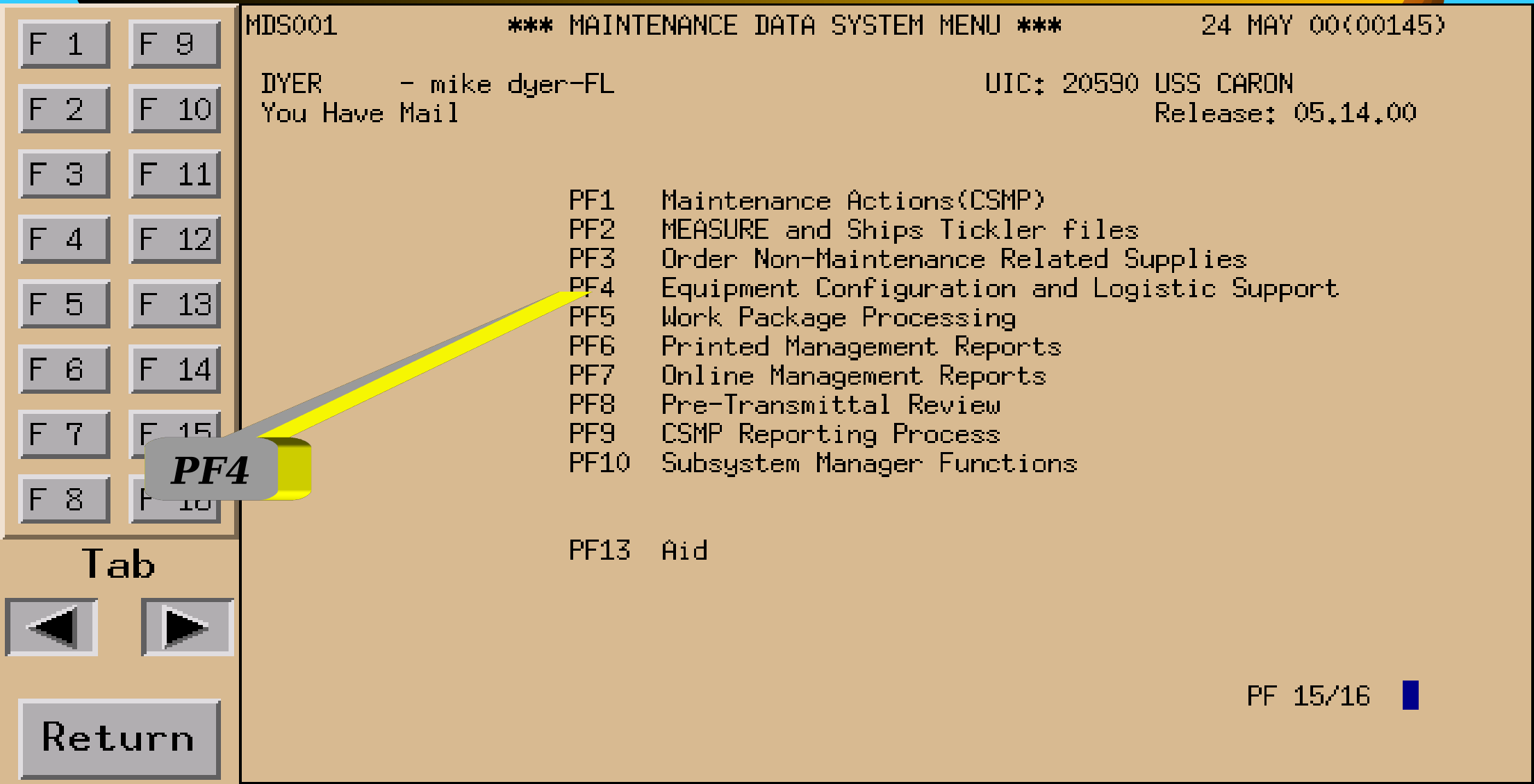
Positions #1 & 2

Positions #3-6

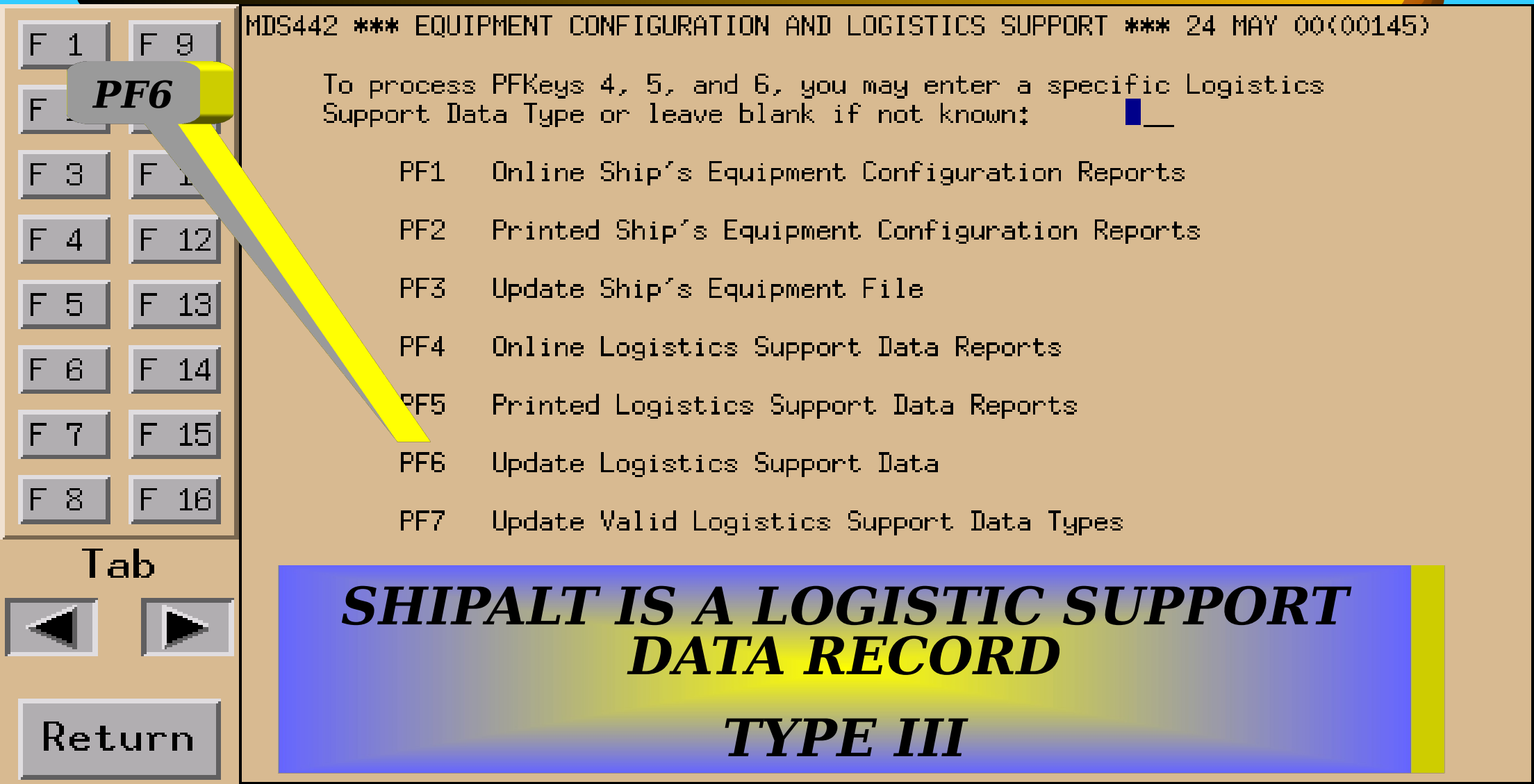
Alt# always starts in 7th Position

Title Code extreme right hand position

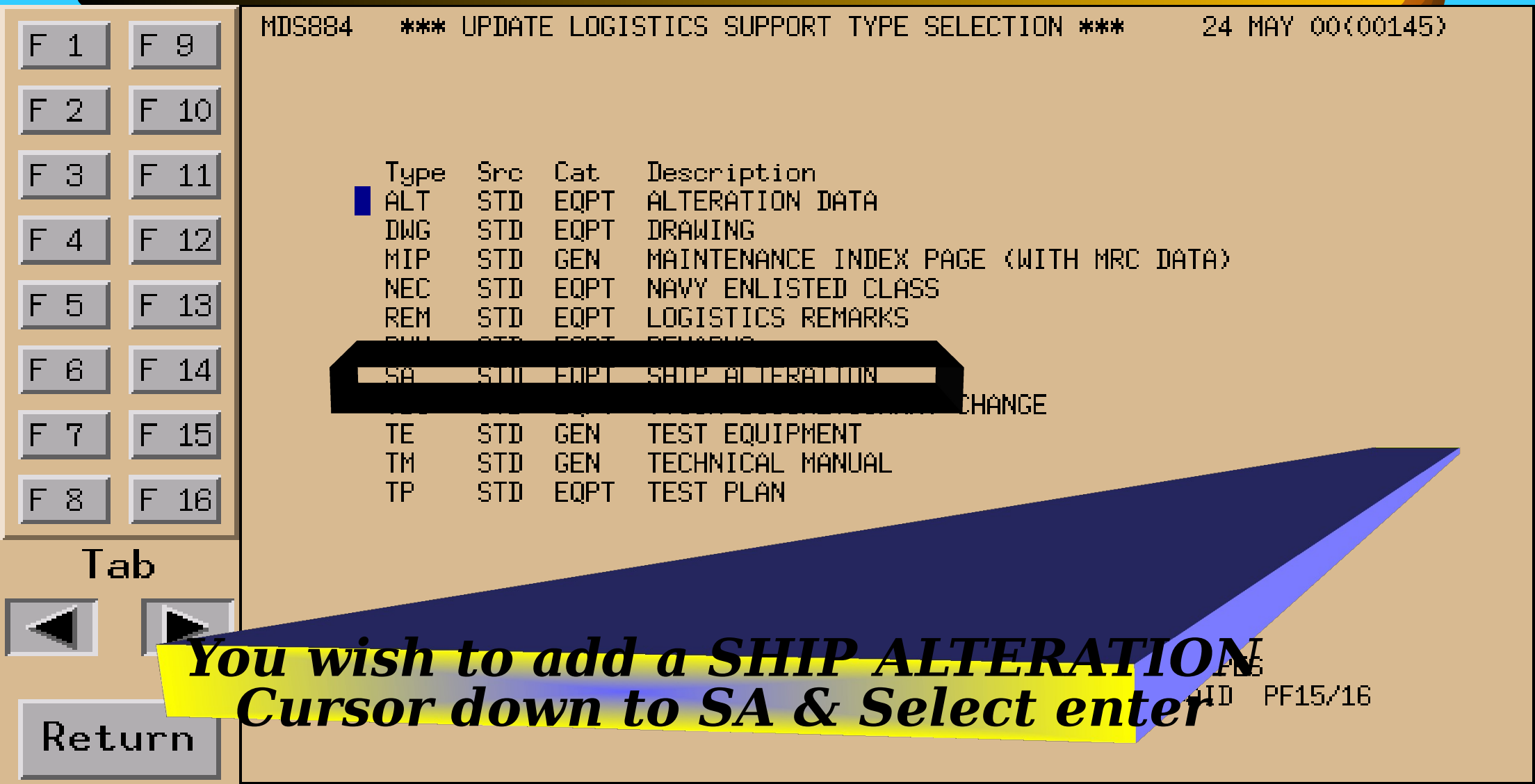
Ship Alteration (SHIPALTs)



Ship Alteration (SHIPALTs)

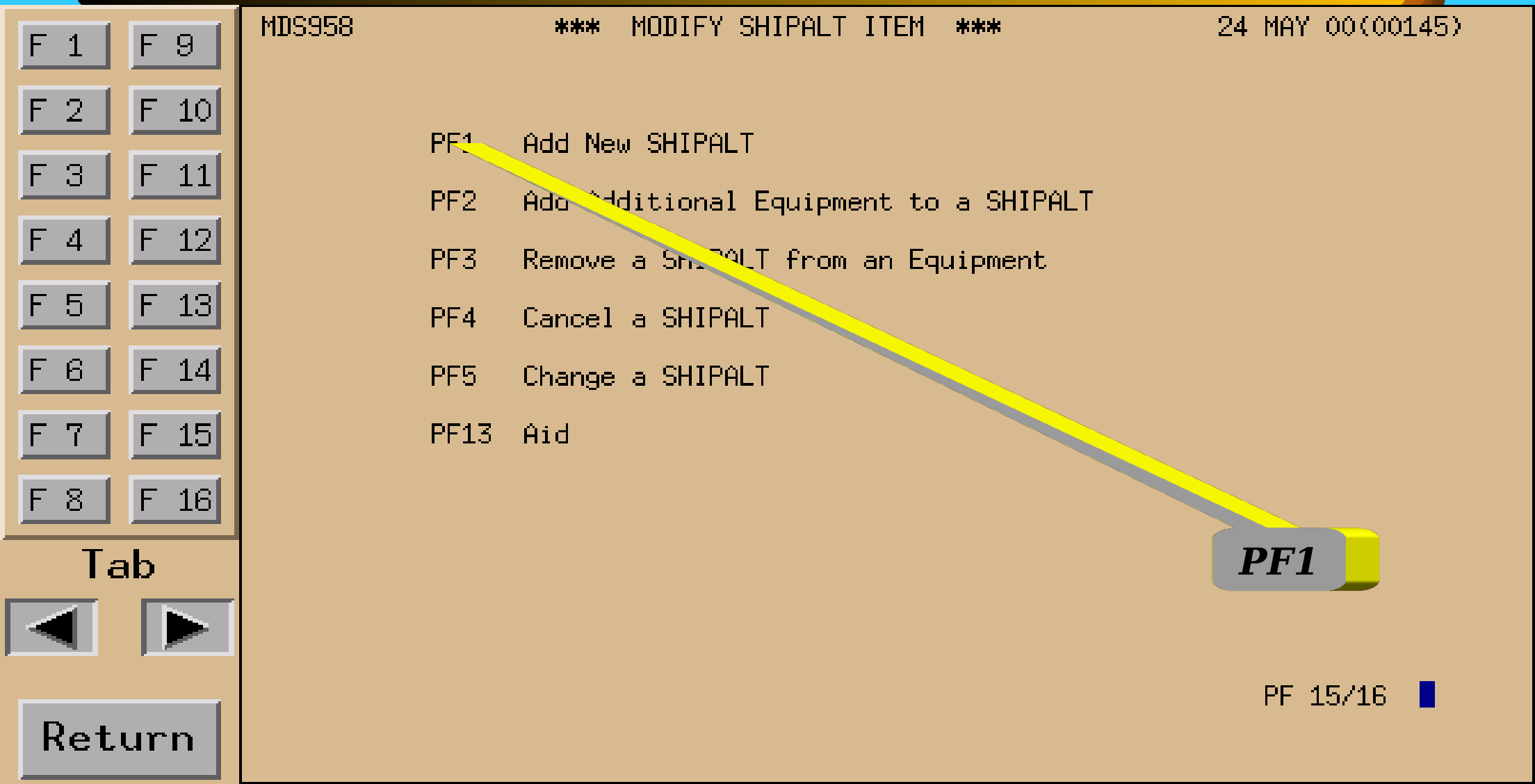

F 1
F 9
F 3
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
PF6
Tab
Return
MDS442 *** EQUIPMENT CONFIGURATION AND LOGISTICS SUPPORT *** 24 MAY 00(00145)
To process PFKeys 4, 5, and 6, you may enter a specific Logistics
Support Data Type or leave blank if not known:
PF1 Online Ship's Equipment Configuration Reports
PF2 Printed Ship's Equipment Configuration Reports
PF3 Update Ship's Equipment File
PF4 Online Logistics Support Data Reports
PF5 Printed Logistics Support Data Reports
PF6 Update Logistics Support Data
PF7 Update Valid Logistics Support Data Types
SHIPALT IS A LOGISTIC SUPPORT DATA RECORD
TYPE III

Ship Alteration (SHIPALTs)

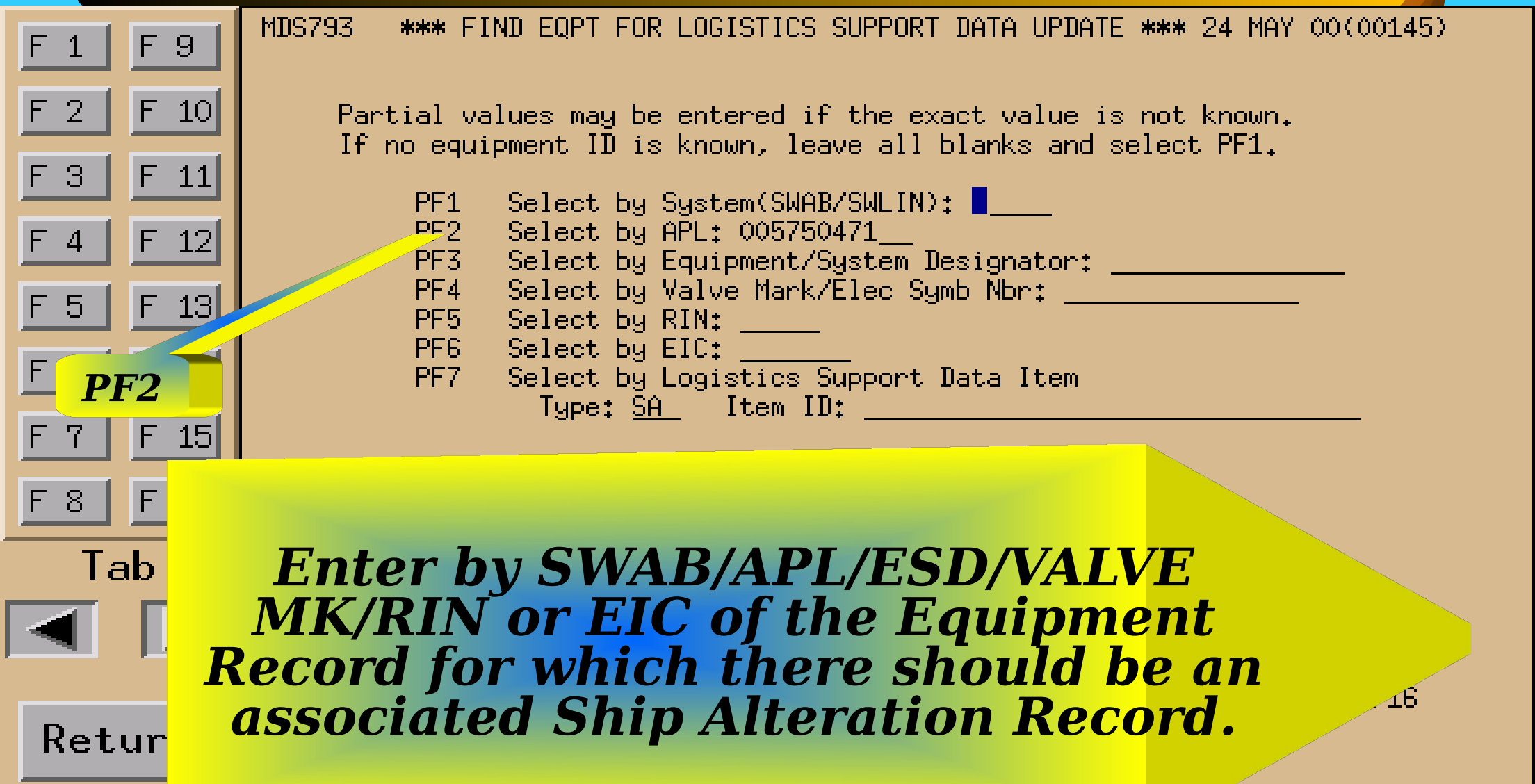


You wish to add a SHIP ALTERATION
Cursor down to SA & Select enter

Ship Alteration (SHIPALTs)



Ship Alteration (SHIPALTs)


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 7
F 15
F 8
Tab
Retur
MDS793 *** FIND EQPT FOR LOGISTICS SUPPORT DATA UPDATE *** 24 MAY 00(00145)
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN): ____
PF2 Select by APL: 005750471__
PF3 Select by Equipment/System Designator: _____
PF4 Select by Valve Mark/Elec Symb Nbr: _____
PF5 Select by RIN: _____
PF6 Select by EIC: _____
PF7 Select by Logistics Support Data Item
Type: SA__ Item ID: _____
PF2
Enter by SWAB/APL/ESD/VALVE MK/RIN or EIC of the Equipment Record for which there should be an associated Ship Alteration Record.

Ship Alteration (SHIPALTs)

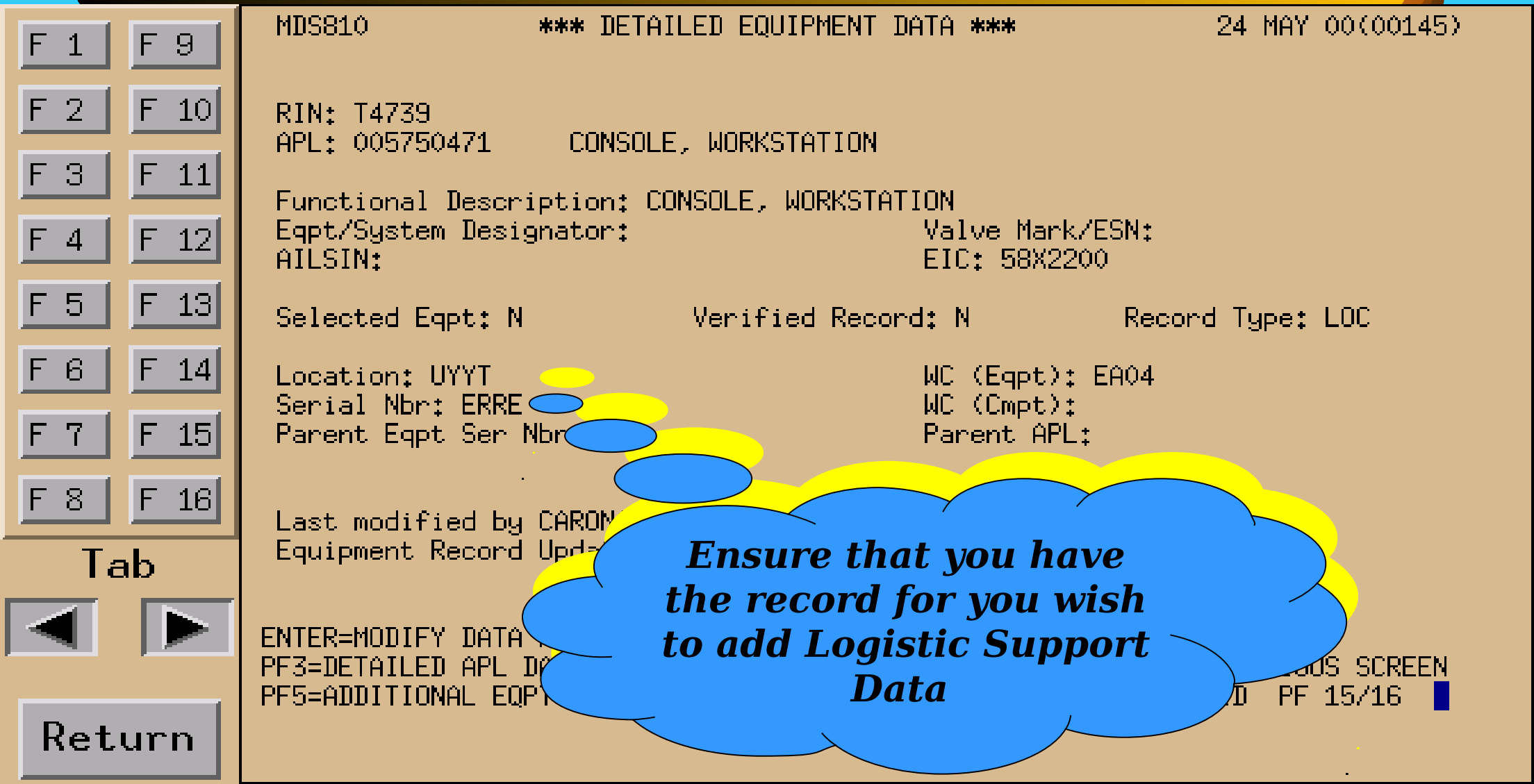
F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16
Tab
Return

```
MDS799                  *** APL SUMMARY LIST ***                  24 MAY 00(00145)

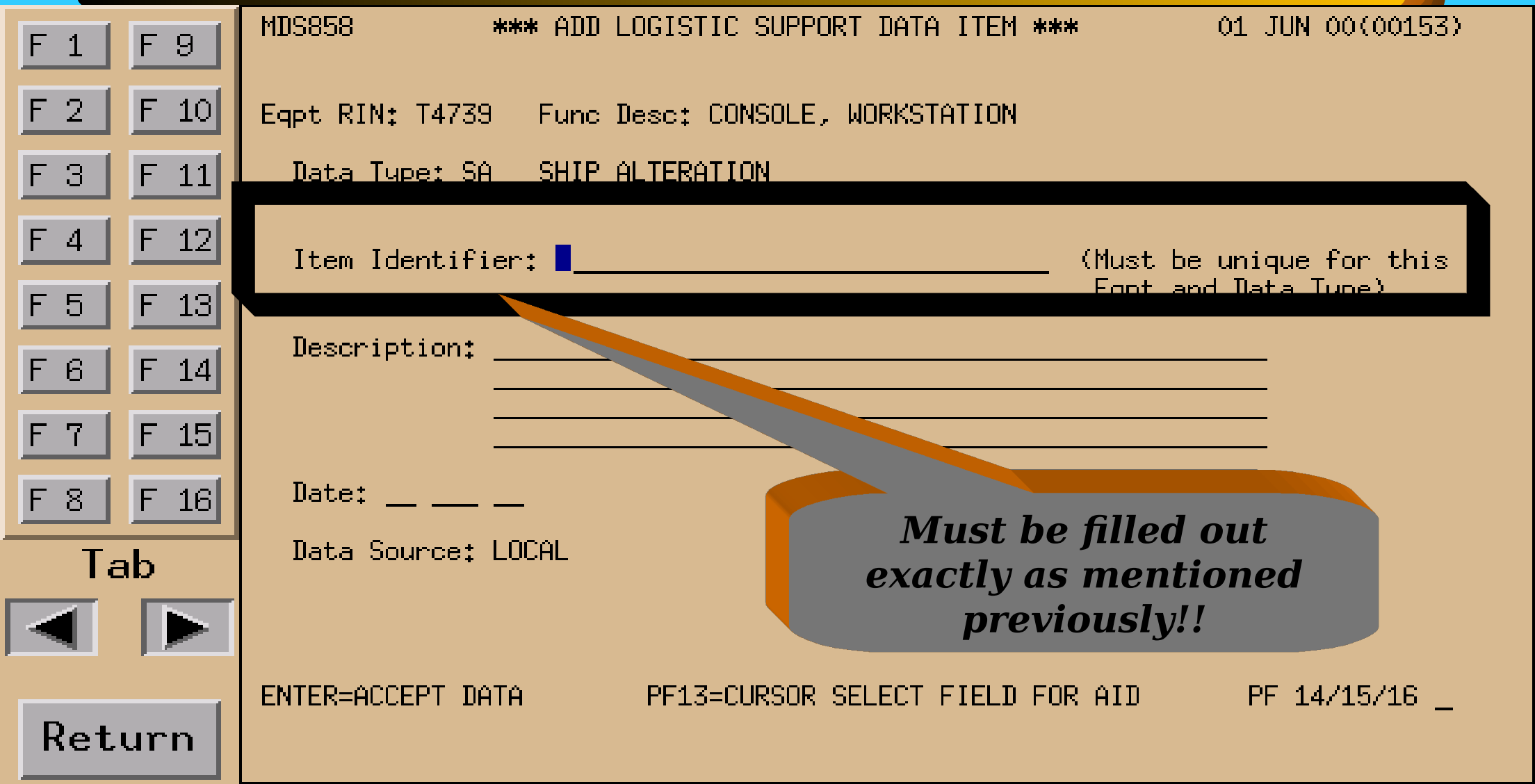

                                                                  POPUL   Eqpt
  APL          Nomenclature                                        CNT    Cnt
  005750471    CONSOLE, WORKSTATION                                  1      1
  006040001    MK38MOD0,CARRIAGE, 5 INCH                             3      3
  006040002    MK19MOD2,BARREL,GUN 5 INCH                                   2
  006040003    MK23MOD0, STAND, 5 INCH
  006040004    MK69MOD0, POWER DRIVE ELE
  006040024    MK52MOD0,RECEIVER,REGULAT
  006040025    MK51MOD0,RECEIVER,REGULAT
  006040039    MK45MOD1,MOUNT,GUN,5IN54 CAL                          2      2
  006040043    MK2MOD1,LOADER,5 INCH                                 1      1
  006040045    MK31MOD2,CONTROL GUN M        N54 CAL                 2      2
  006040046    MK12MOD1,HOUSING              CAL                     2      2
  006040047    MK281MOD2,P          ONTROL                           2      2
  006040048    MK280M       ANEL POWER 5IN54 CAL                     2      2
  006040051    MK       8,HOIST,5 INCH CALIBER AMMUNITION            1      1
  006040052    MK6MOD9,HOIST,5 INCH CALIBER AMMUNITION               1      1
                Cursor Select Line for ENTER, PF1 and PF2
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK   PF2=APL DETAIL INFO
                                      PF12=NEXT PAGE   PF13=AID   PF 15/16
```

Select Enter to select the APL on the top of the page

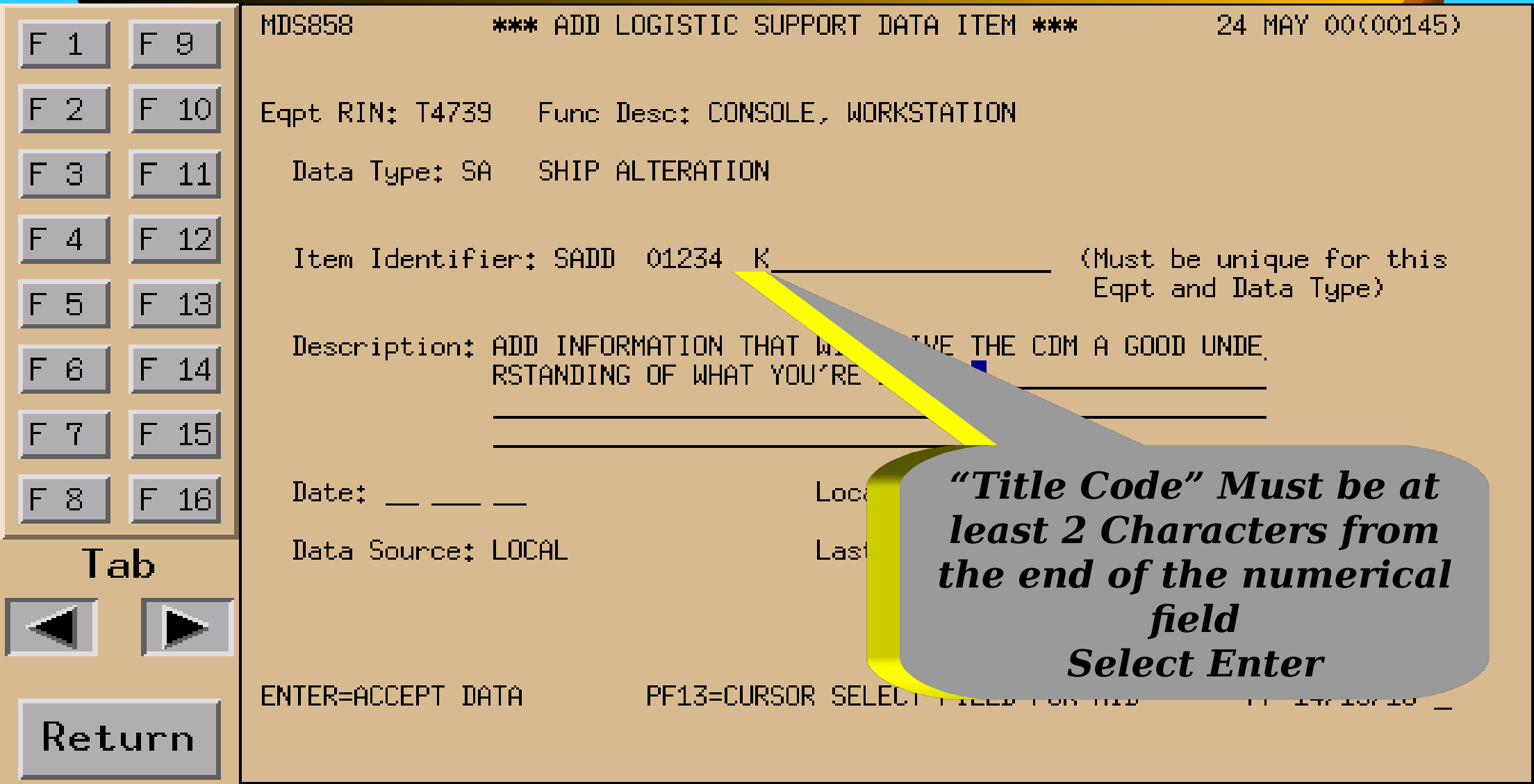
Ship Alteration (SHIPALTs)



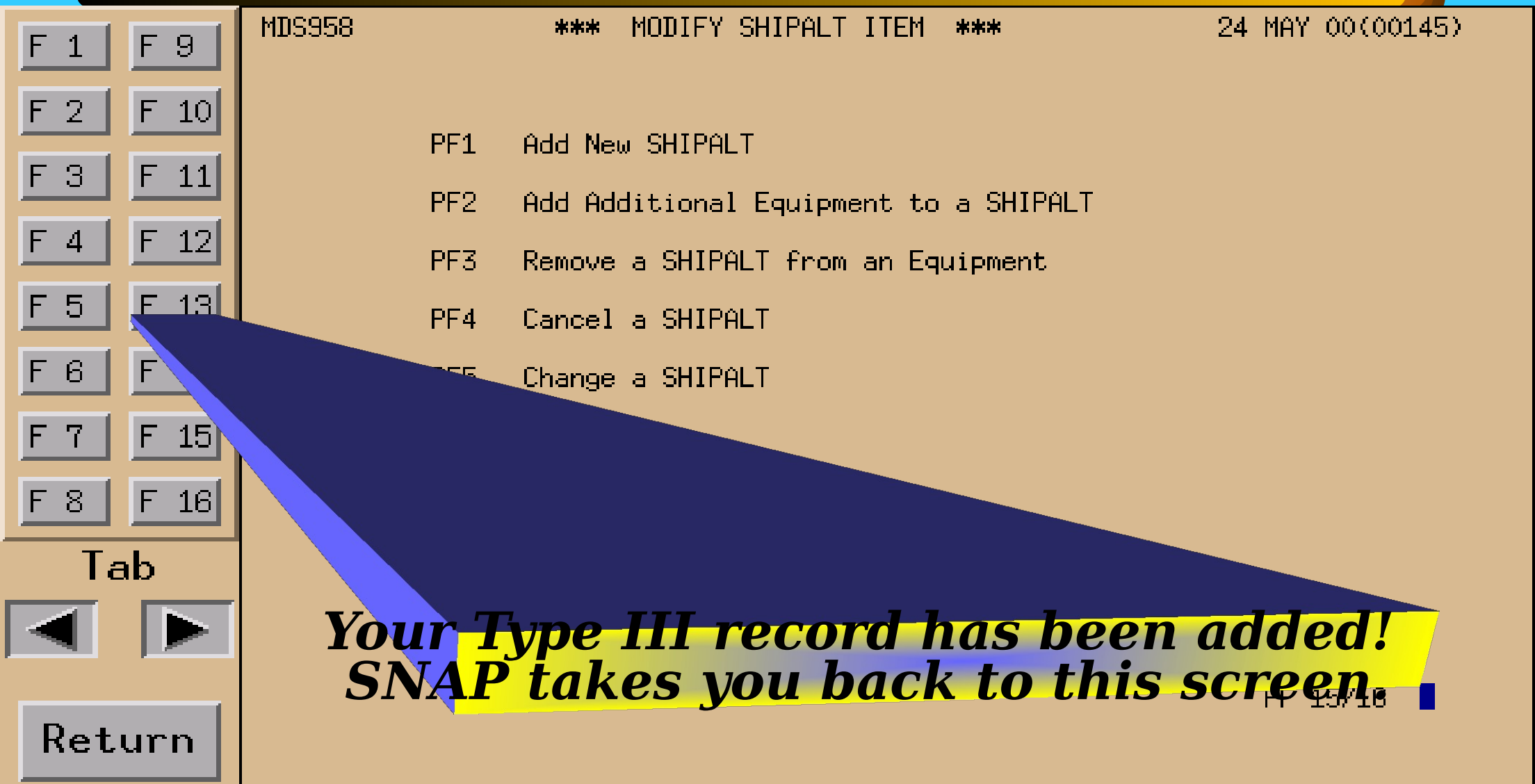
Ship Alteration (SHIPALTs)



Ship Alteration (SHIPALTs)



Ship Alteration (SHIPALTs)



Equipment File Corrections



Part of your day to day business

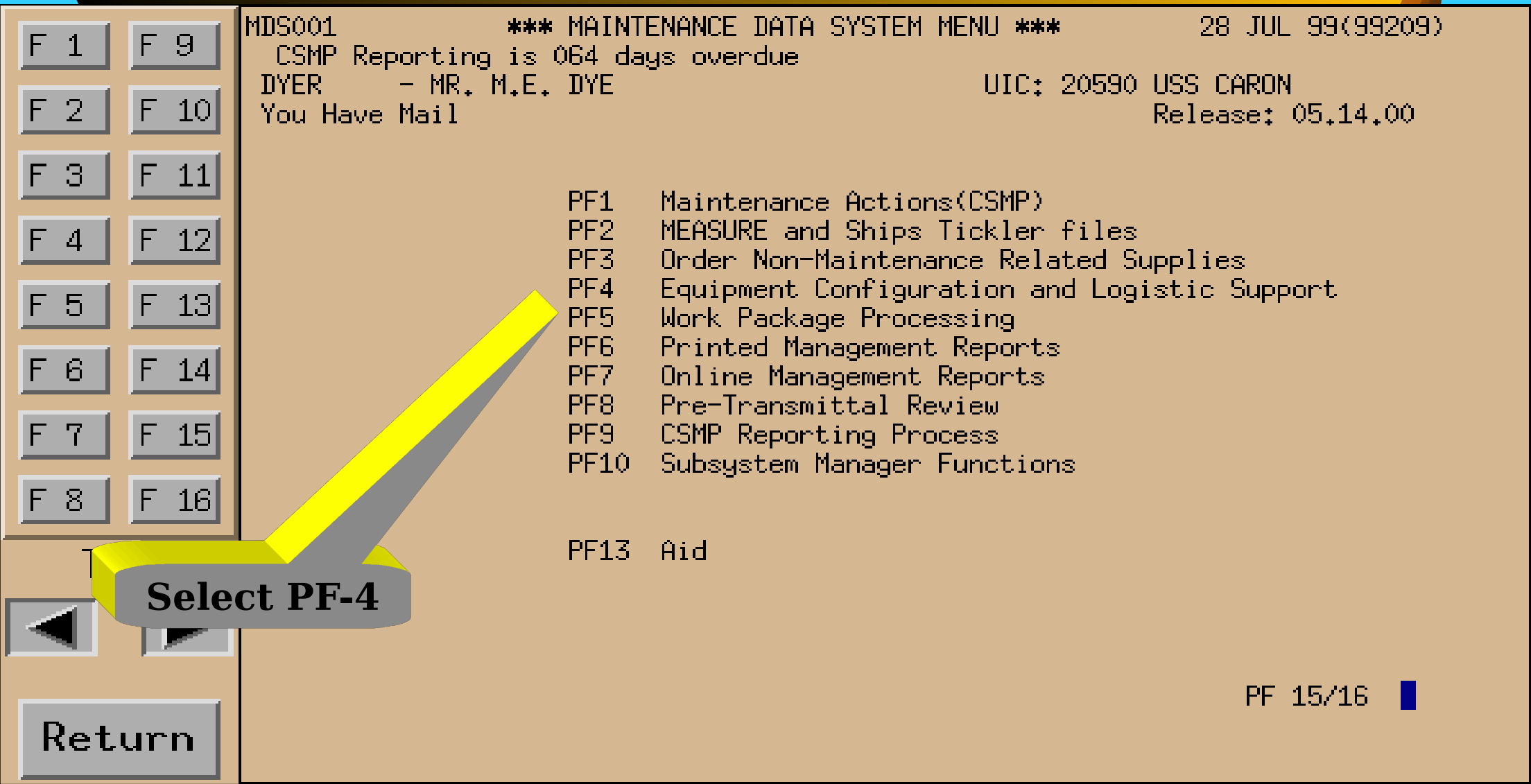
Equipment File Corrections

- Type commanders require each work center to validate two equipments each week
  - All items on the equipment record should be validated for accuracy
  - Attention to detail in your day to day business will serve you well in the future

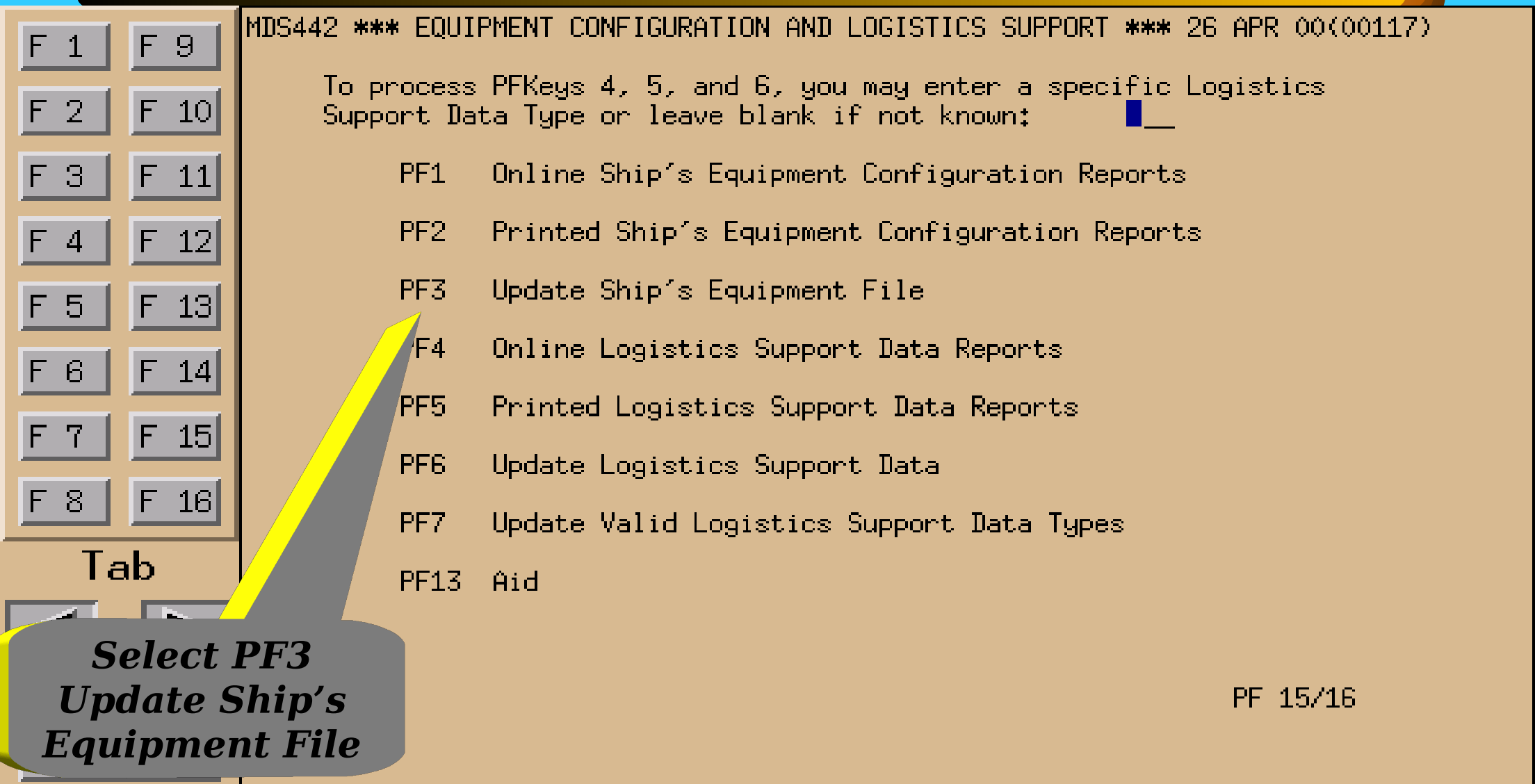
Equipment File Corrections

- The following slides will demonstrate how to make these corrections within SNAP
  - Remember that equipment record accuracy is the responsibility of the individual work center
  - Outside activities view much of this information as trusted data and accept what ever is provided by the ship

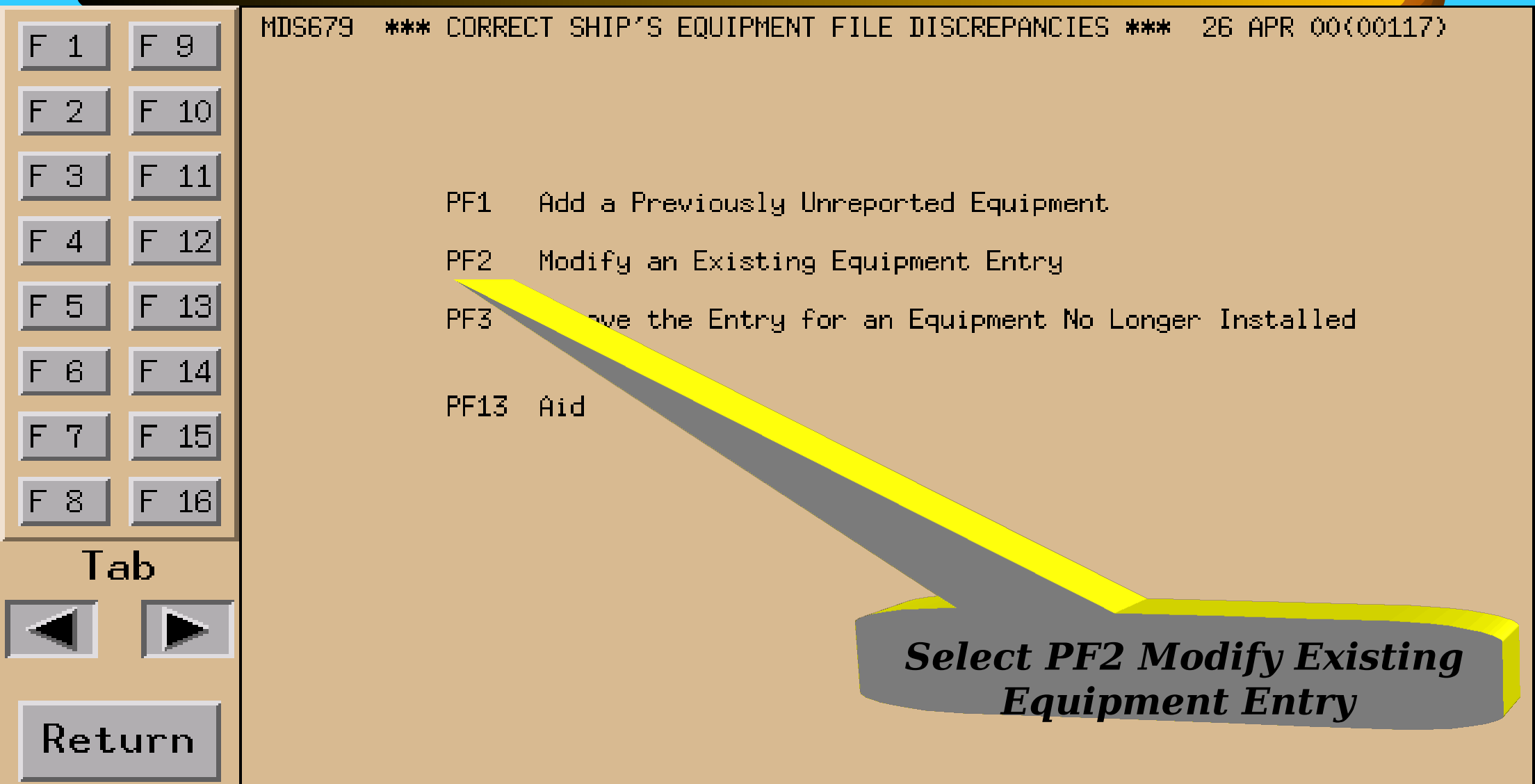
Equipment File Corrections



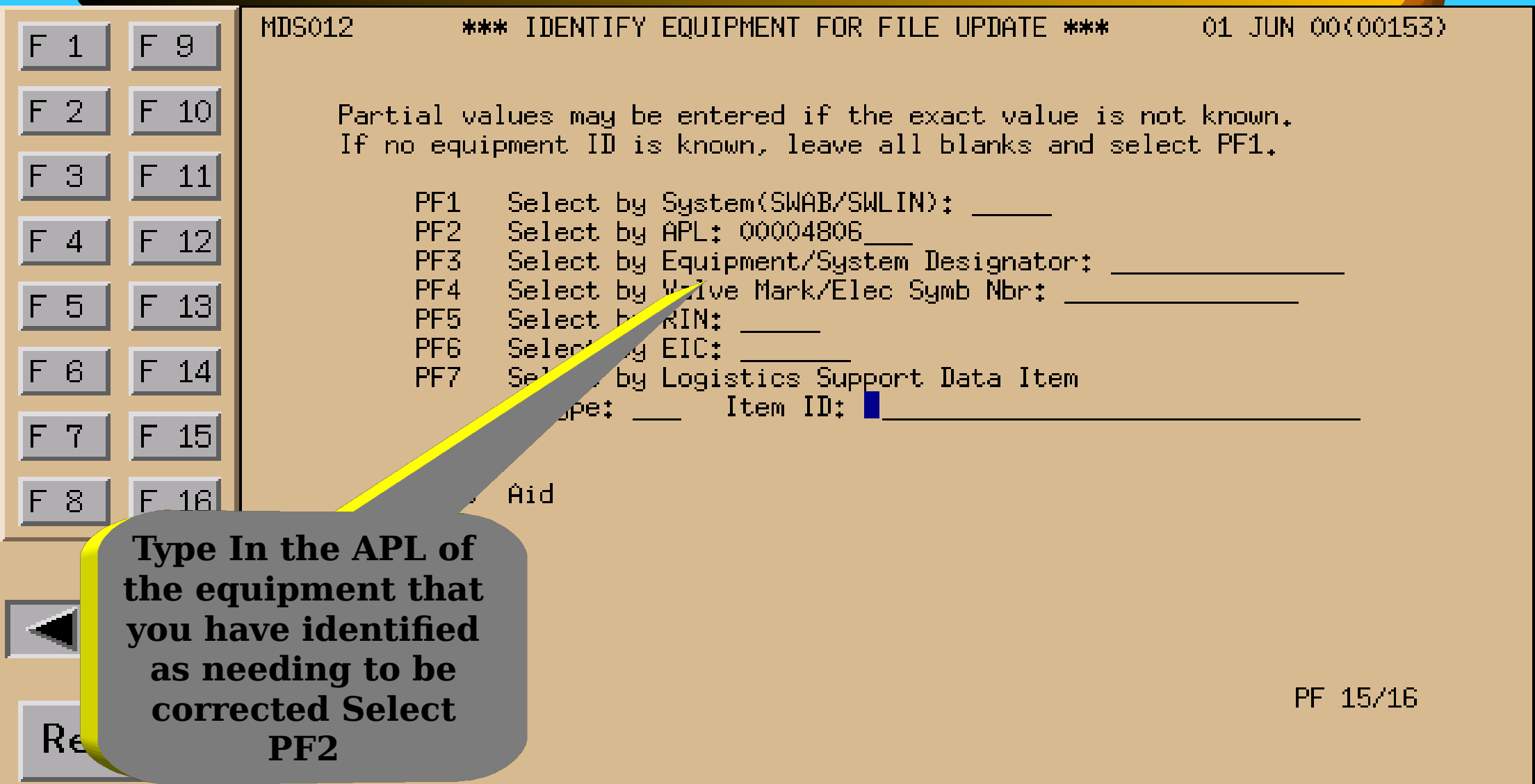
Equipment File Corrections



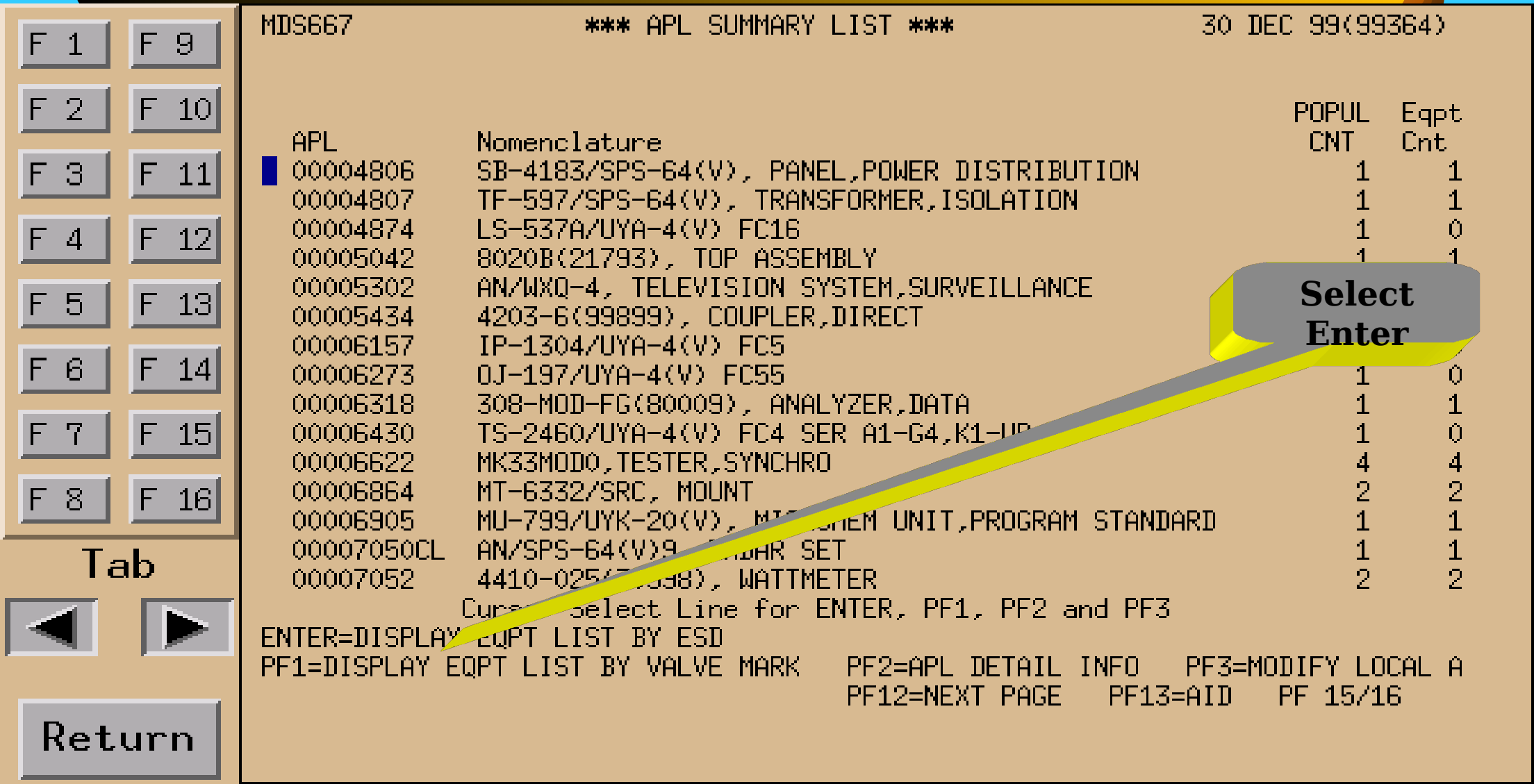
Equipment File Corrections



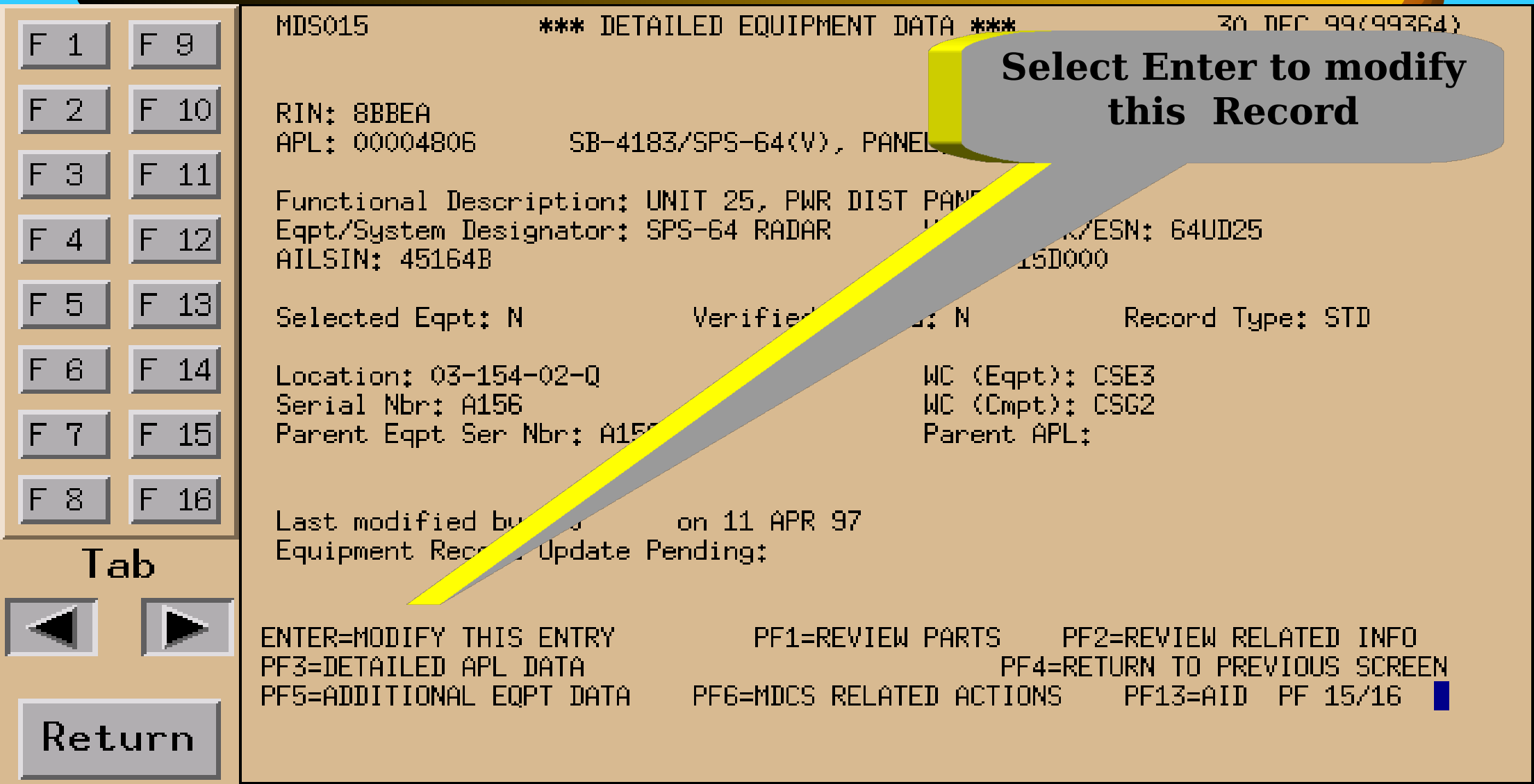
Equipment File Corrections


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
MDS012 *** IDENTIFY EQUIPMENT FOR FILE UPDATE *** 01 JUN 00(00153)
Partial values may be entered if the exact value is not known.
If no equipment ID is known, leave all blanks and select PF1.
PF1 Select by System(SWAB/SWLIN): _____
PF2 Select by APL: 00004806___
PF3 Select by Equipment/System Designator: _____
PF4 Select by Valve Mark/Elec Symb Nbr: _____
PF5 Select by RIN: _____
PF6 Select by EIC: _____
PF7 Select by Logistics Support Data Item
pe: ___ Item ID: _____
Aid
PF 15/16
Type In the APL of the equipment that you have identified as needing to be corrected Select PF2

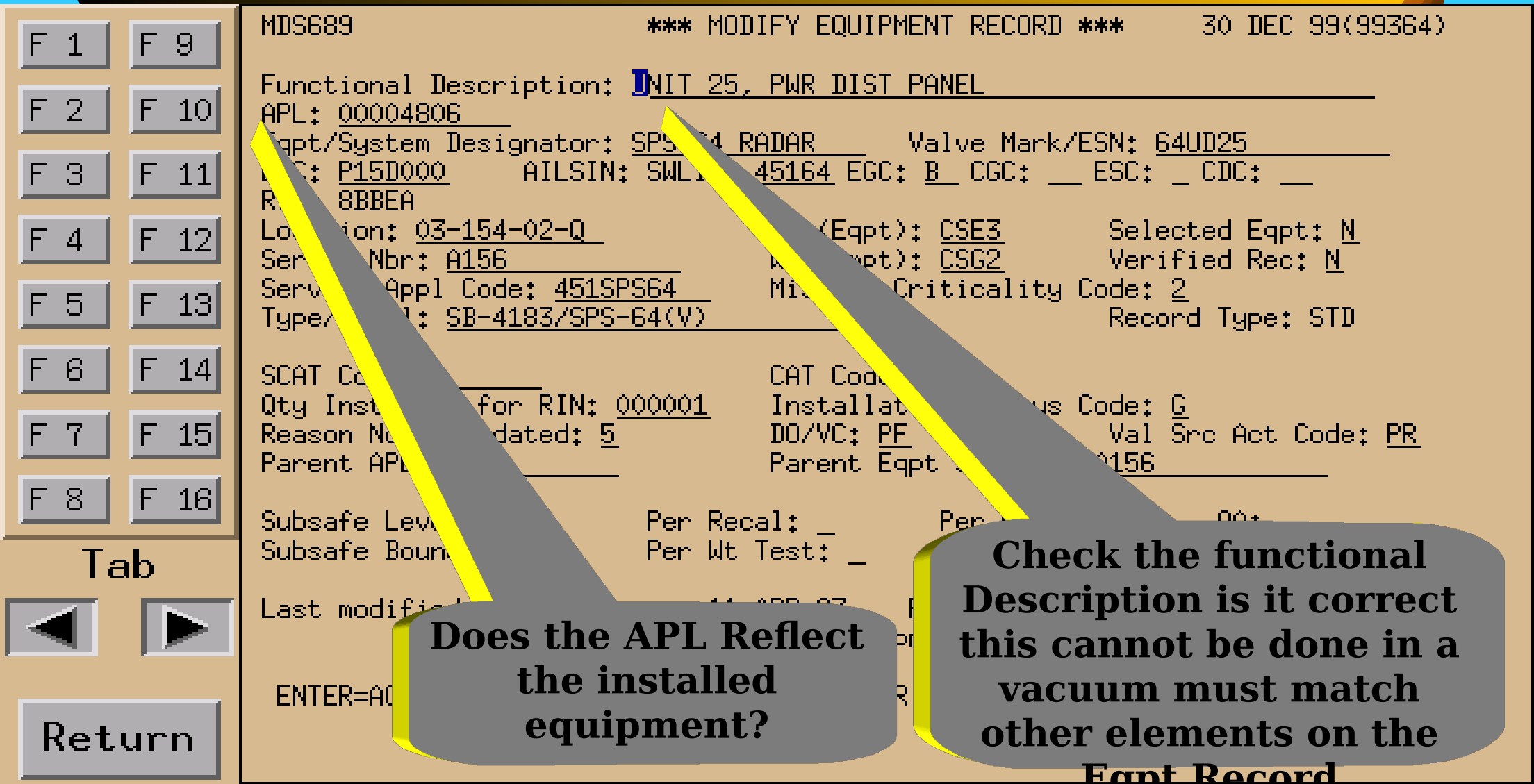
Equipment File Corrections



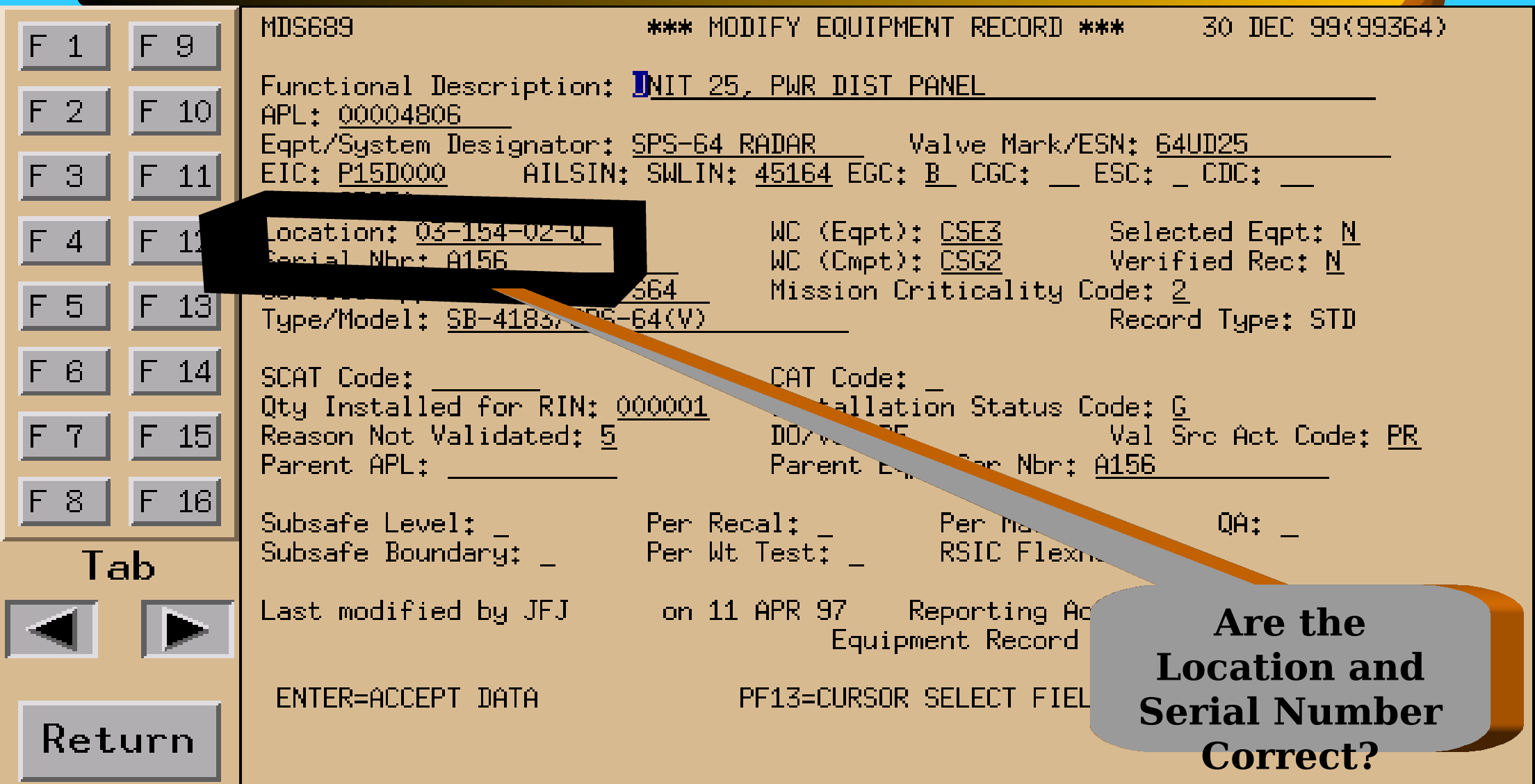
Equipment File Corrections



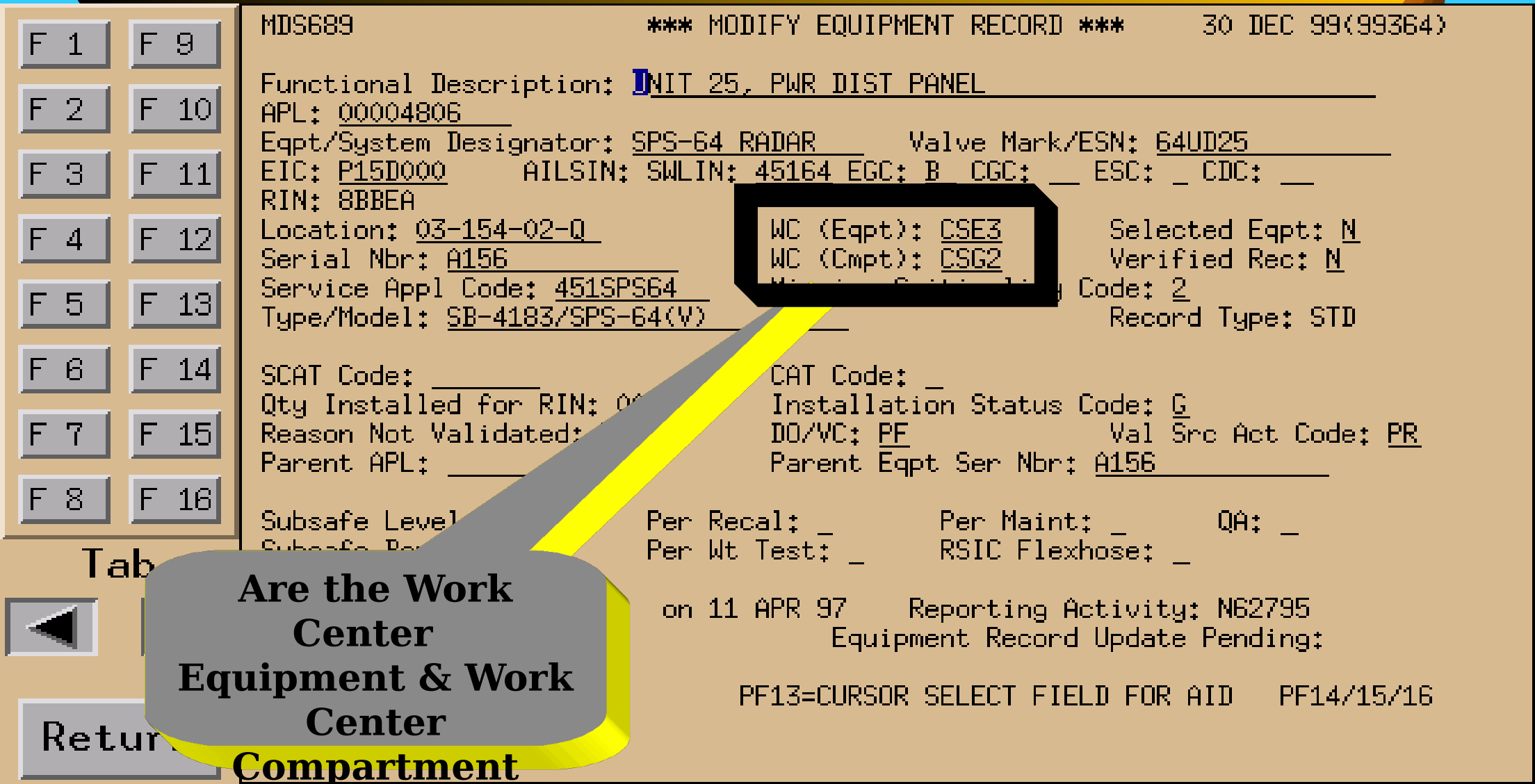
Equipment File Corrections


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS689 *** MODIFY EQUIPMENT RECORD *** 30 DEC 99(99364)
Functional Description: UNIT 25, PWR DIST PANEL
APL: 00004806
Eqpt/System Designator: SPS 64 RADAR Valve Mark/ESN: 64UD25
C: P15D000 AILSIN: SWL 45164 EGC: B CGC: __ ESC: _ CDC: __
R 8BBEA
Lo ion: 03-154-02-Q (Eqpt): CSE3 Selected Eqpt: N
Ser Nbr: A156 pt): CSG2 Verified Rec: N
Serv Appl Code: 451SPS64 Mi Criticality Code: 2
Type/ : SB-4183/SPS-64(V) Record Type: STD
SCAT Co CAT Coo
Qty Inst for RIN: 000001 Installat us Code: G
Reason N dated: 5 DO/VC: PF Val Src Act Code: PR
Parent APL Parent Eqpt 156
Subsafe Lev Per Recal: _ Per
Subsafe Boun Per Wt Test: _
Last modifi
ENTER=AC
Does the APL Reflect the installed equipment?
Check the functional Description is it correct this cannot be done in a vacuum must match other elements on the Eqpt Record

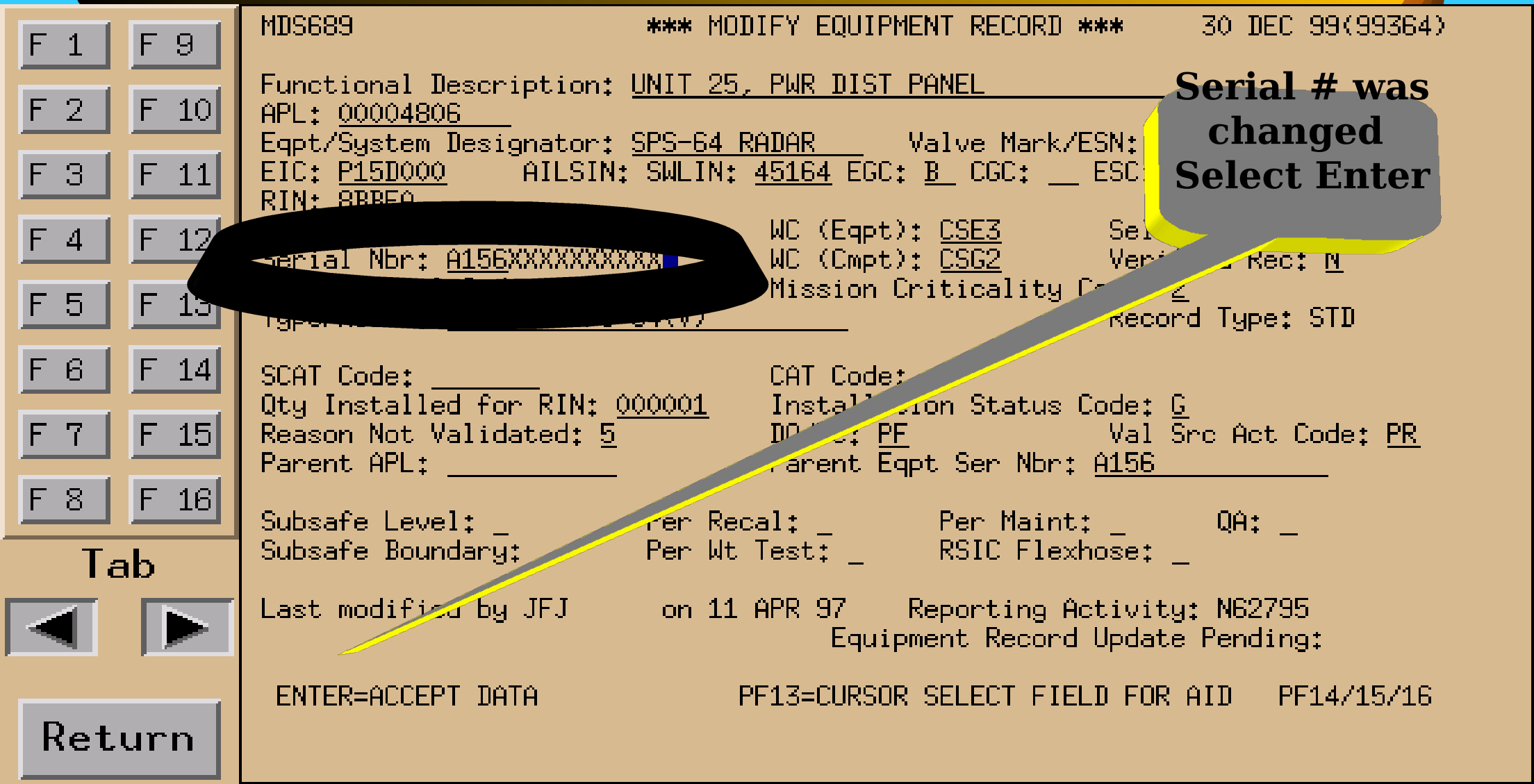
Equipment File Corrections


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS689 *** MODIFY EQUIPMENT RECORD *** 30 DEC 99(99364)
Functional Description: UNIT 25, PWR DIST PANEL
APL: 00004806
Eqpt/System Designator: SPS-64 RADAR Valve Mark/ESN: 64UD25
EIC: P15D000 AILSIN: SWLIN: 45164 EGC: B CGC: __ ESC: _ CDC: __
Location: 03-154-02-Q
Serial Nbr: A156
WC (Eqpt): CSE3 Selected Eqpt: N
WC (Cmpt): CSG2 Verified Rec: N
Mission Criticality Code: 2
Type/Model: SB-4183/ -64(V) Record Type: STD
SCAT Code: _____ CAT Code: _
Qty Installed for RIN: 000001 tallation Status Code: G
Reason Not Validated: 5 Val Src Act Code: PR
Parent APL: _____ Nbr: A156
Subsafe Level: _ Per Recal: _ QA: _
Subsafe Boundary: _ Per Wt Test: _
Last modified by JFJ on 11 APR 97 Reporting Ac
Equipment Record
ENTER=ACCEPT DATA PF13=CURSOR SELECT FIEL
Are the Location and Serial Number Correct?

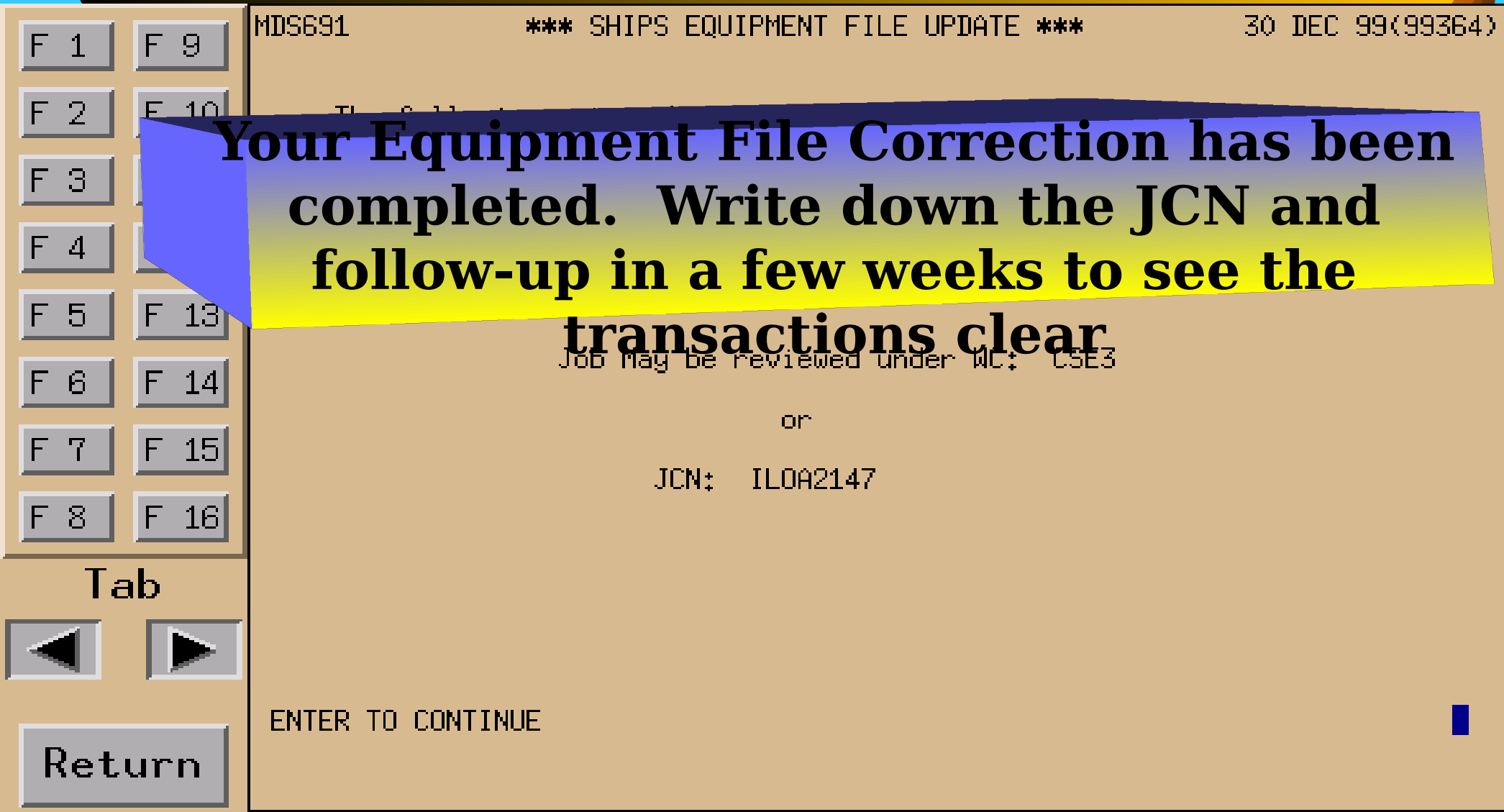
Equipment File Corrections



Equipment File Corrections

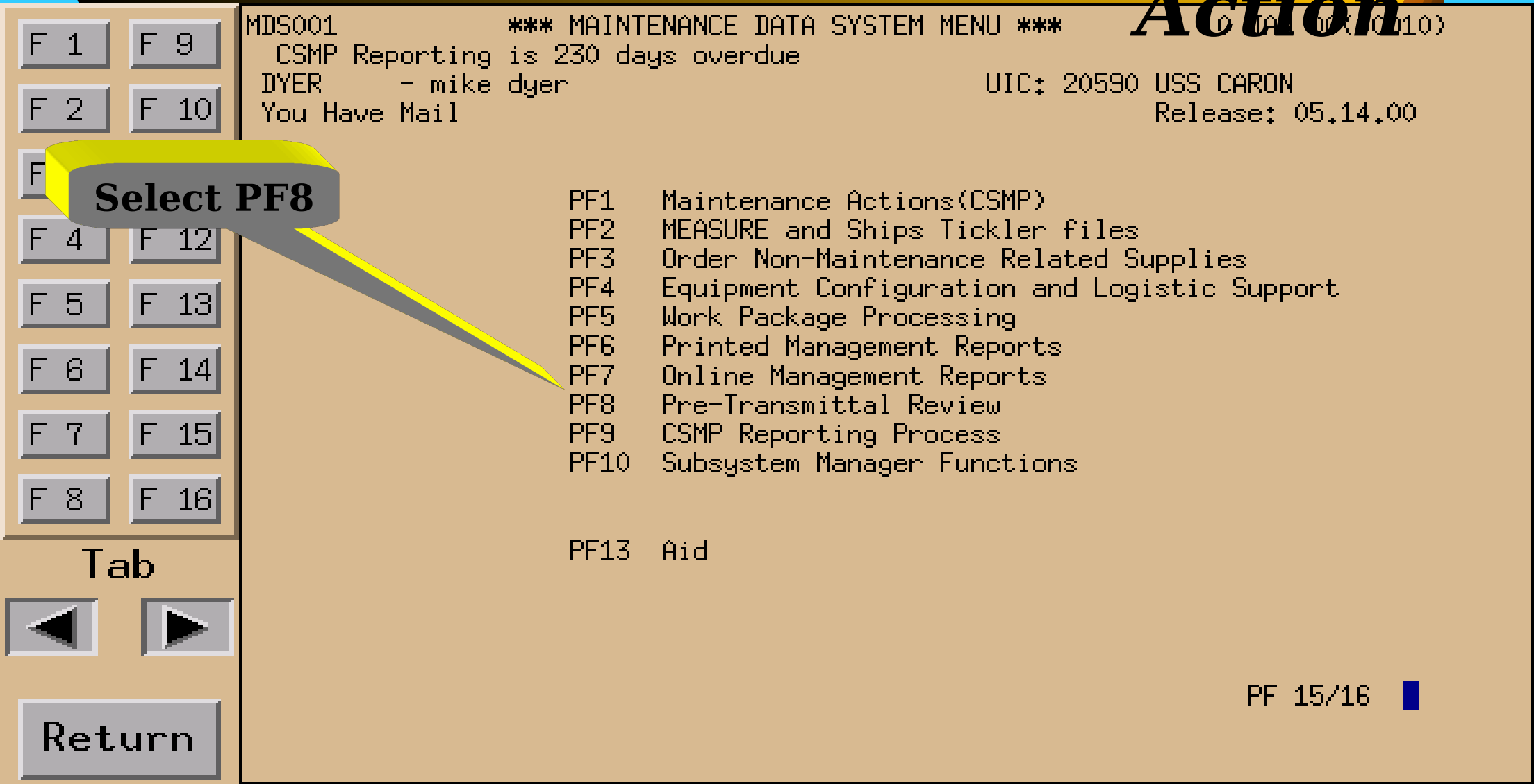


Equipment File Corrections

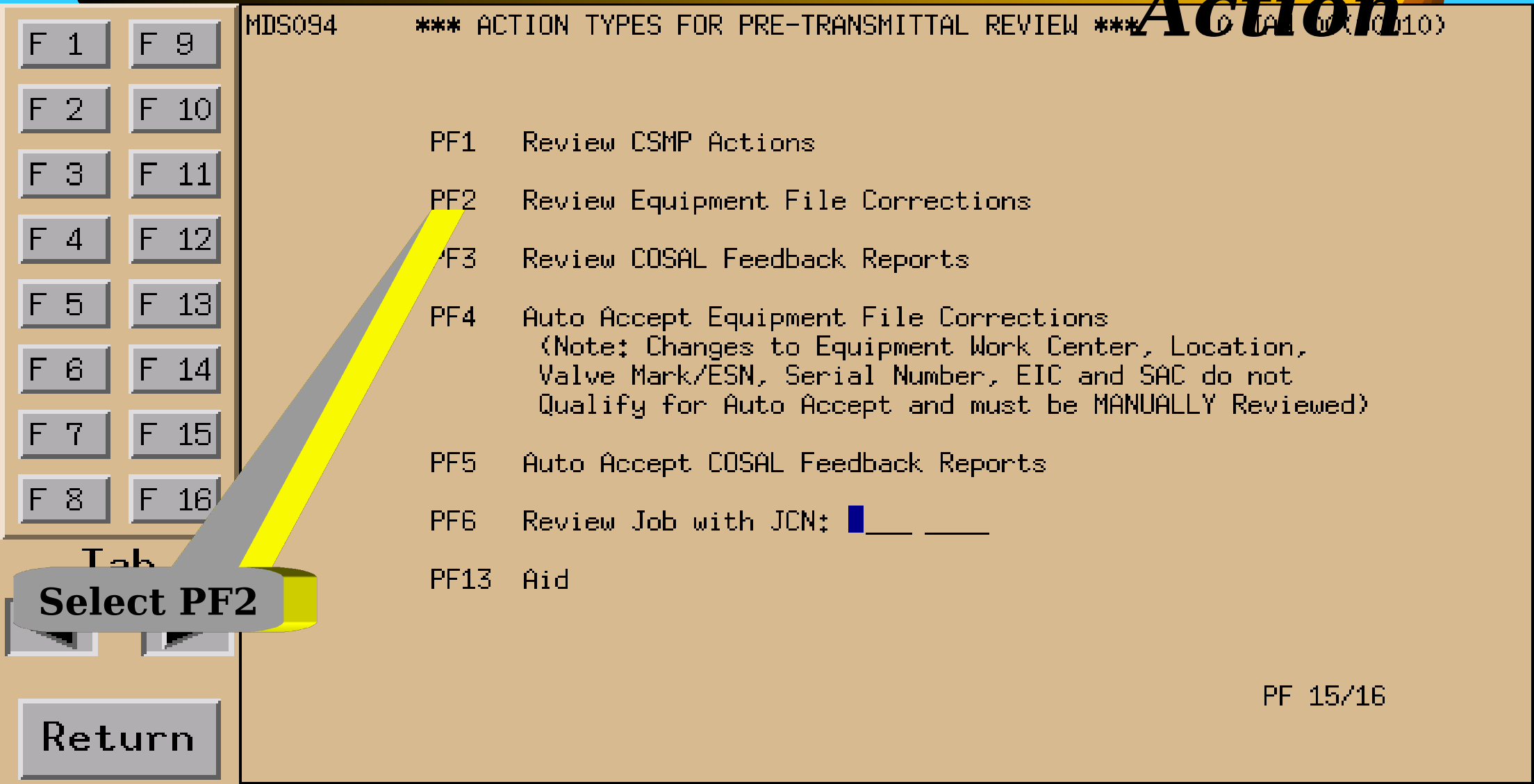


Your Equipment File Correction has been completed. Write down the JCN and follow-up in a few weeks to see the transactions clear

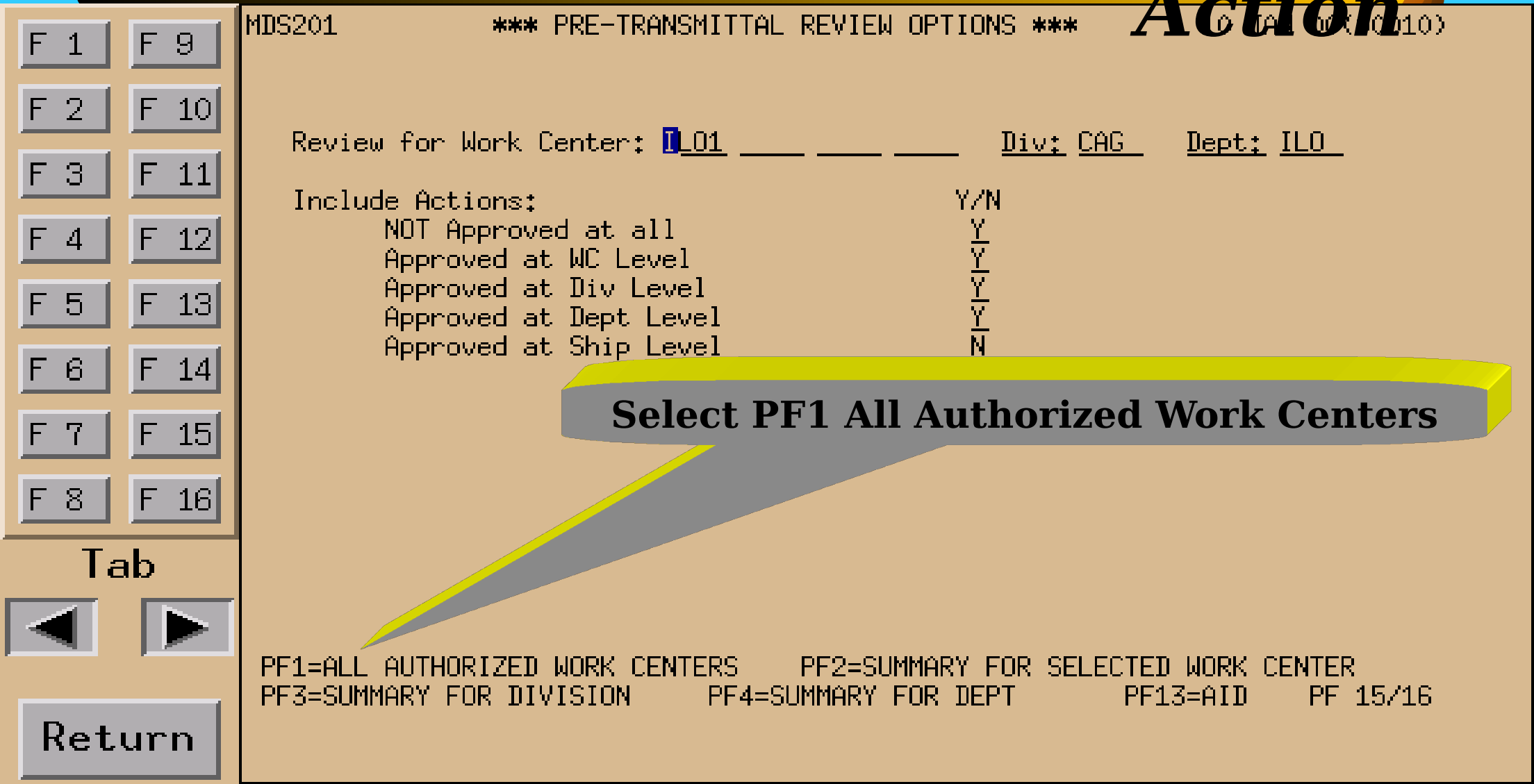
Equipment File Corrections 3MC Must Approve Your Action



Equipment File Corrections
3MC Must Approve Your Action



Equipment File Corrections
3MC Must Approve Your Action



Equipment File Corrections 3MC Must Approve Your Action

F 1 F 9
F 2 F 10
F 3 F 11
F 4 F 12
F 5 F 13
F 6 F 14
F 7 F 15
F 8 F 16

Tab

Return

```
MDS087          *** REVIEW EQUIPMENT DATA MODIFICATION ***          (V10)

     ************************************************************
     *   This entry has been modified by DYER     on 10 JAN 00      *
     ************************************************************
 RIN: 8BBDR            AILSIN: 451642        EIC: P15D000
 APL: 00004793         AB-1247A/SPS-64(V), PEDESTAL,ANTENNA
 Functional Description: UNIT 2, ANTENNA PEDESTAL
 Eqpt/System Designator: SPS-64 RADAR       Valve Mark/ESN: 64UD2

 - Data Name -         --- New Values ---              --- Old Values ---
 SERIAL NBR    AS466XXXXX                        AS466




 Reviewer Remarks: _____________________________________________________
                   _____________________________________________________
                   _____________________________________________________
                   _____________________________________________________

 ENTER=ACCEPT MODIFICATIONS   PF1=BYPASS TRANSACTION    PF2=REJECT TRANSACTION
 PF3=MAKE FURTHER MODS                                   PF13=AID  PF15/16
```

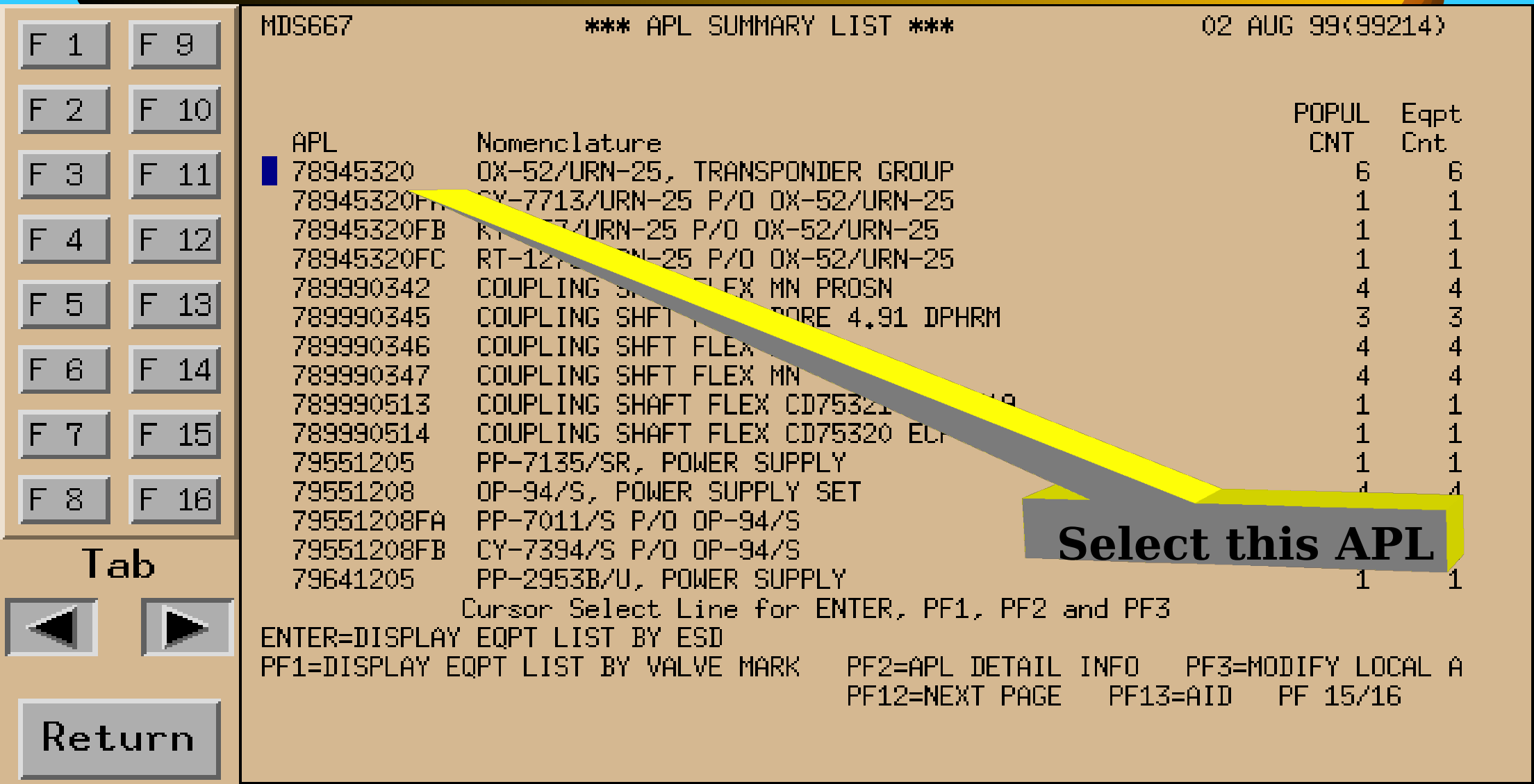
New Value

Old Value

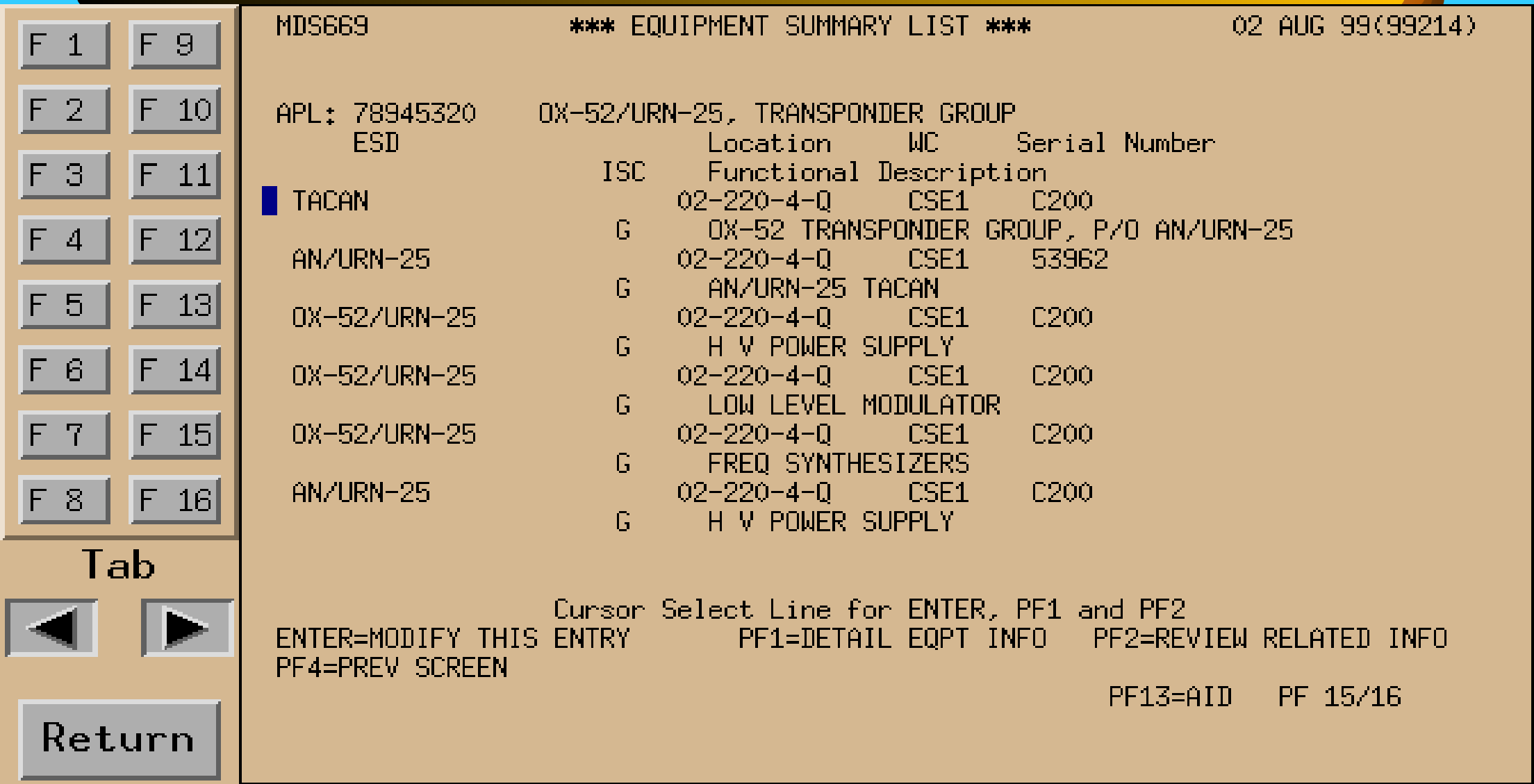
Equipment File Corrections Actual Example

- Can be identified when you're performing routine maintenance
  - Necessity to make equipment file corrections may be obvious, give each equipment record you're opening maintenance against your idiot check
  - Make corrections immediately don't wait to do it later, you will be overcome by day to day events

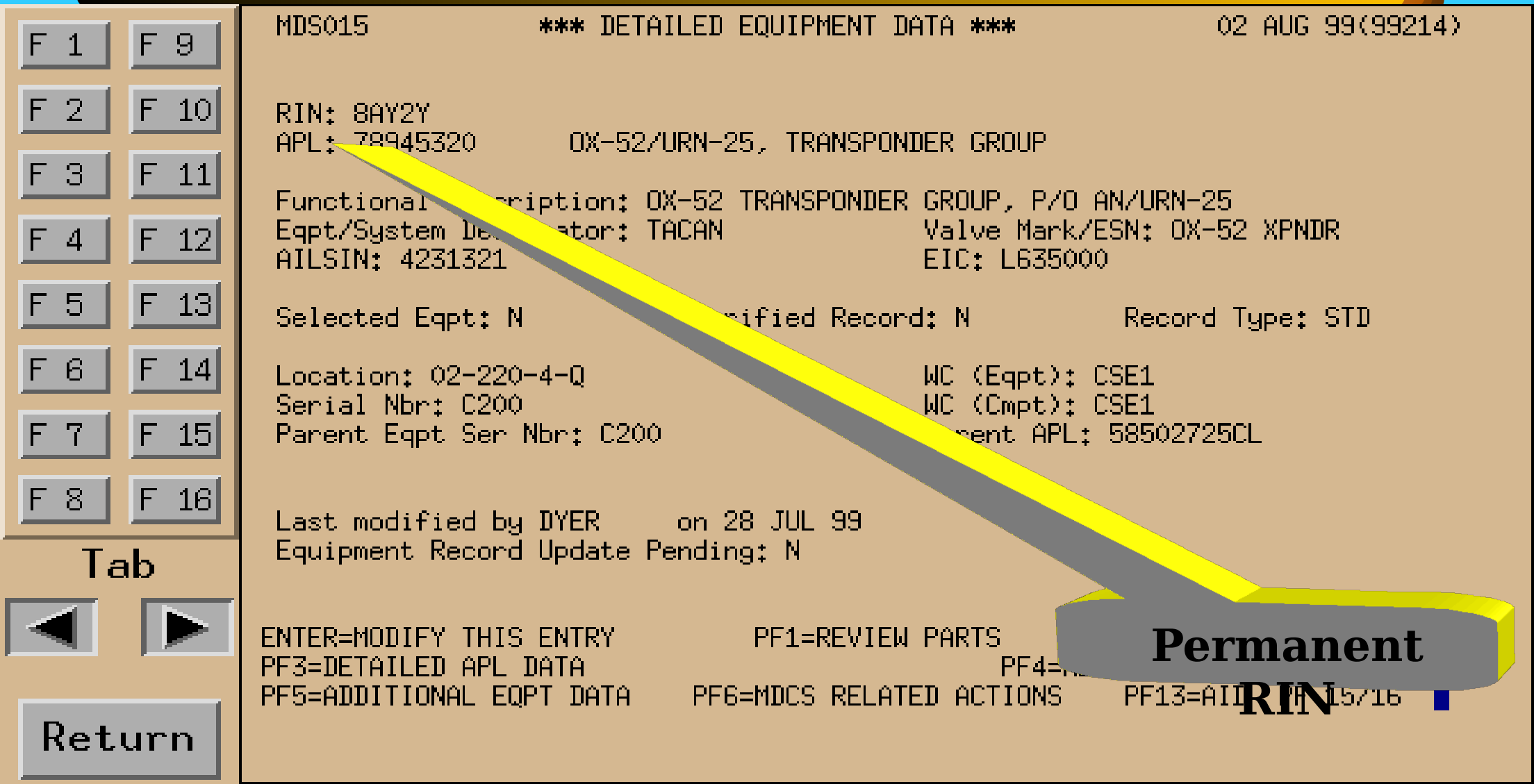
Equipment File Corrections
Actual Example


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS667 *** APL SUMMARY LIST *** 02 AUG 99(99214)
APL Nomenclature POPUL CNT Eqpt Cnt
78945320 OX-52/URN-25, TRANSPONDER GROUP 6 6
78945320FA CY-7713/URN-25 P/O OX-52/URN-25 1 1
78945320FB RT-127[illegible]/URN-25 P/O OX-52/URN-25 1 1
78945320FC RT-127[illegible]-25 P/O OX-52/URN-25 1 1
789990342 COUPLING SH[illegible]LEX MN PROSN 4 4
789990345 COUPLING SHFT [illegible]ORE 4.91 DPHRM 3 3
789990346 COUPLING SHFT FLEX [illegible] 4 4
789990347 COUPLING SHFT FLEX MN 4 4
789990513 COUPLING SHAFT FLEX CD75321[illegible] 1 1
789990514 COUPLING SHAFT FLEX CD75320 EC[illegible] 1 1
79551205 PP-7135/SR, POWER SUPPLY 1 1
79551208 OP-94/S, POWER SUPPLY SET [illegible] [illegible]
79551208FA PP-7011/S P/O OP-94/S
79551208FB CY-7394/S P/O OP-94/S
79641205 PP-2953B/U, POWER SUPPLY 1 1
Cursor Select Line for ENTER, PF1, PF2 and PF3
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK PF2=APL DETAIL INFO PF3=MODIFY LOCAL A
PF12=NEXT PAGE PF13=AID PF 15/16
Select this APL

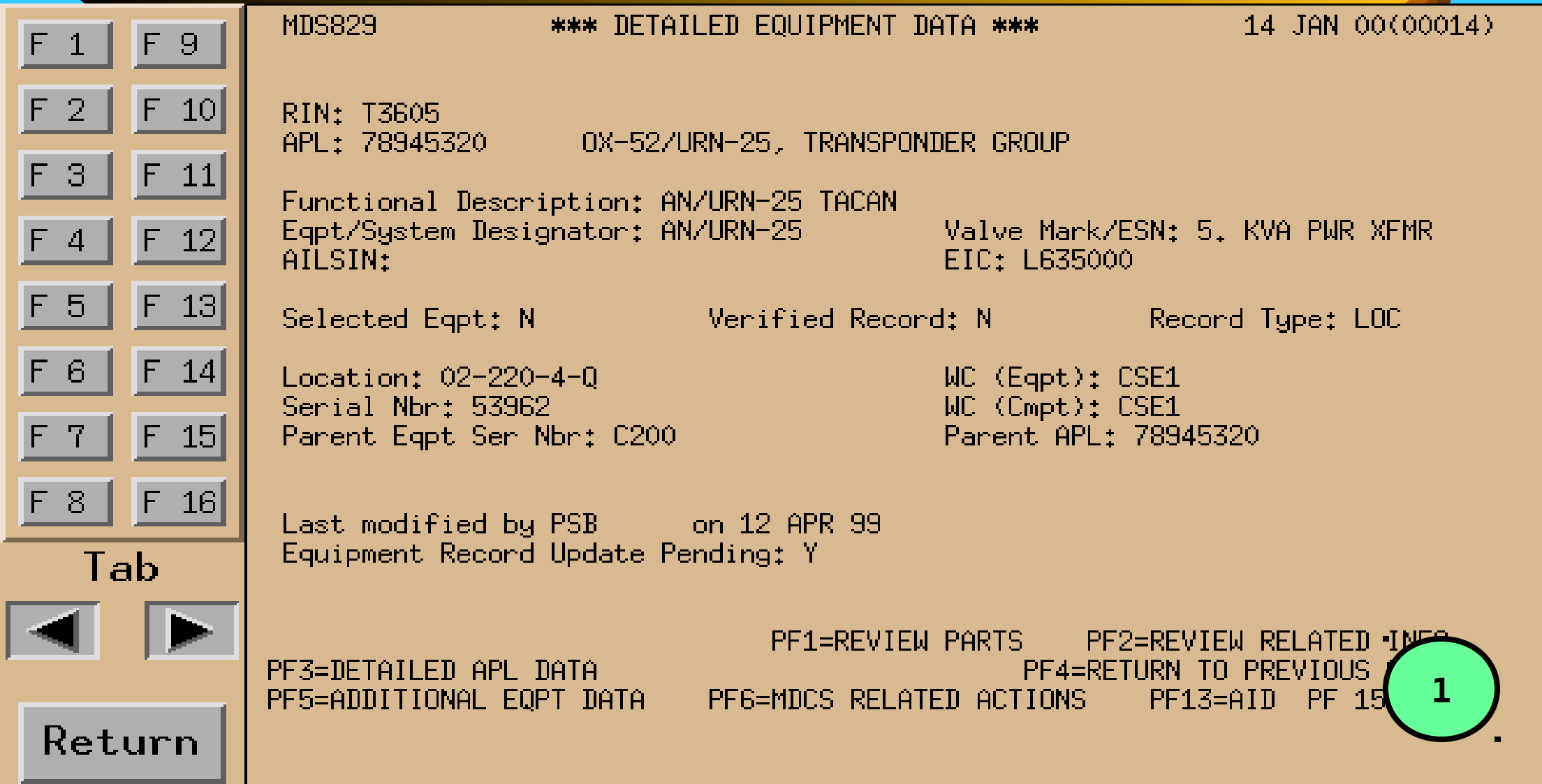
Equipment File Corrections
Actual Example



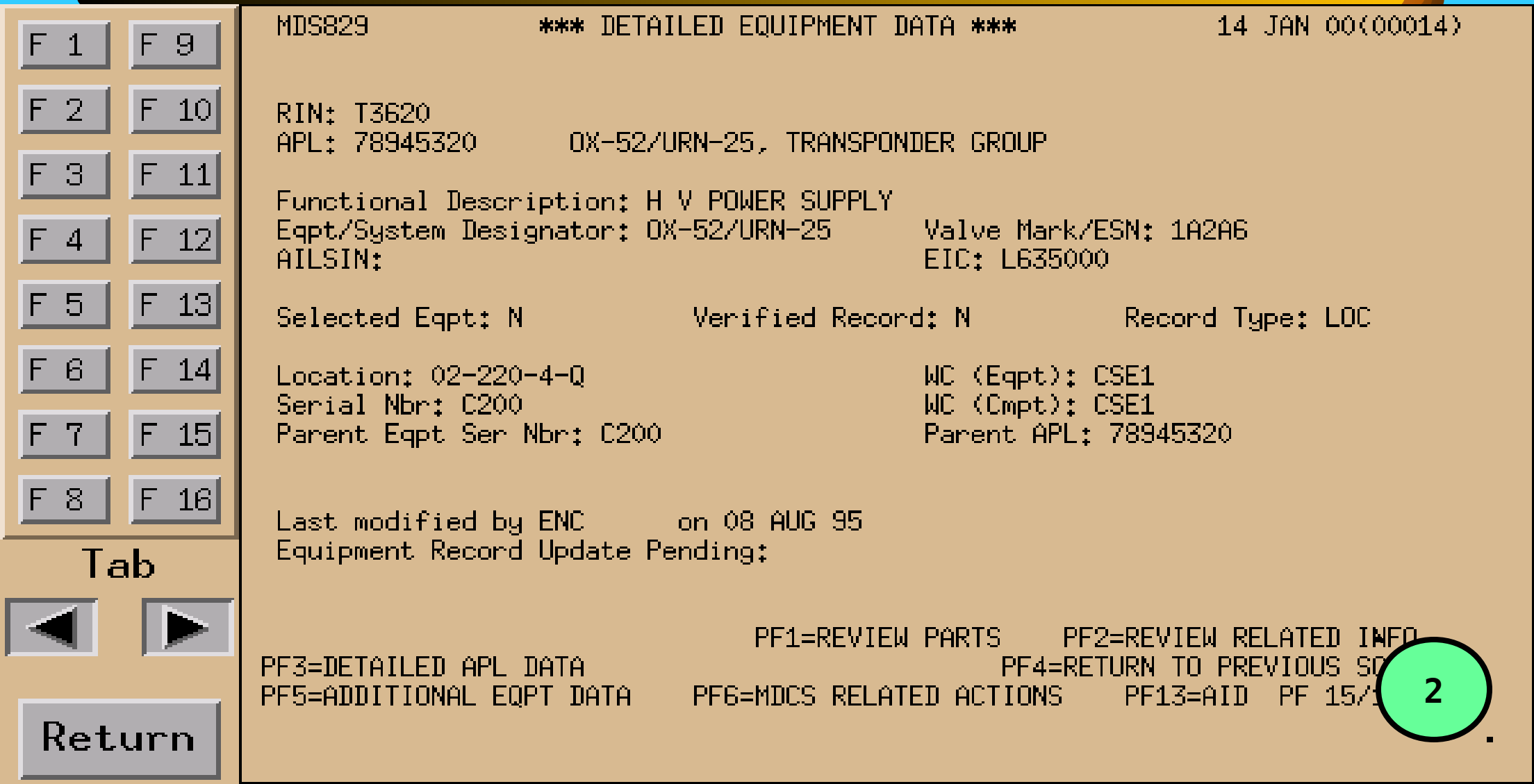
Equipment File Corrections
Actual Example



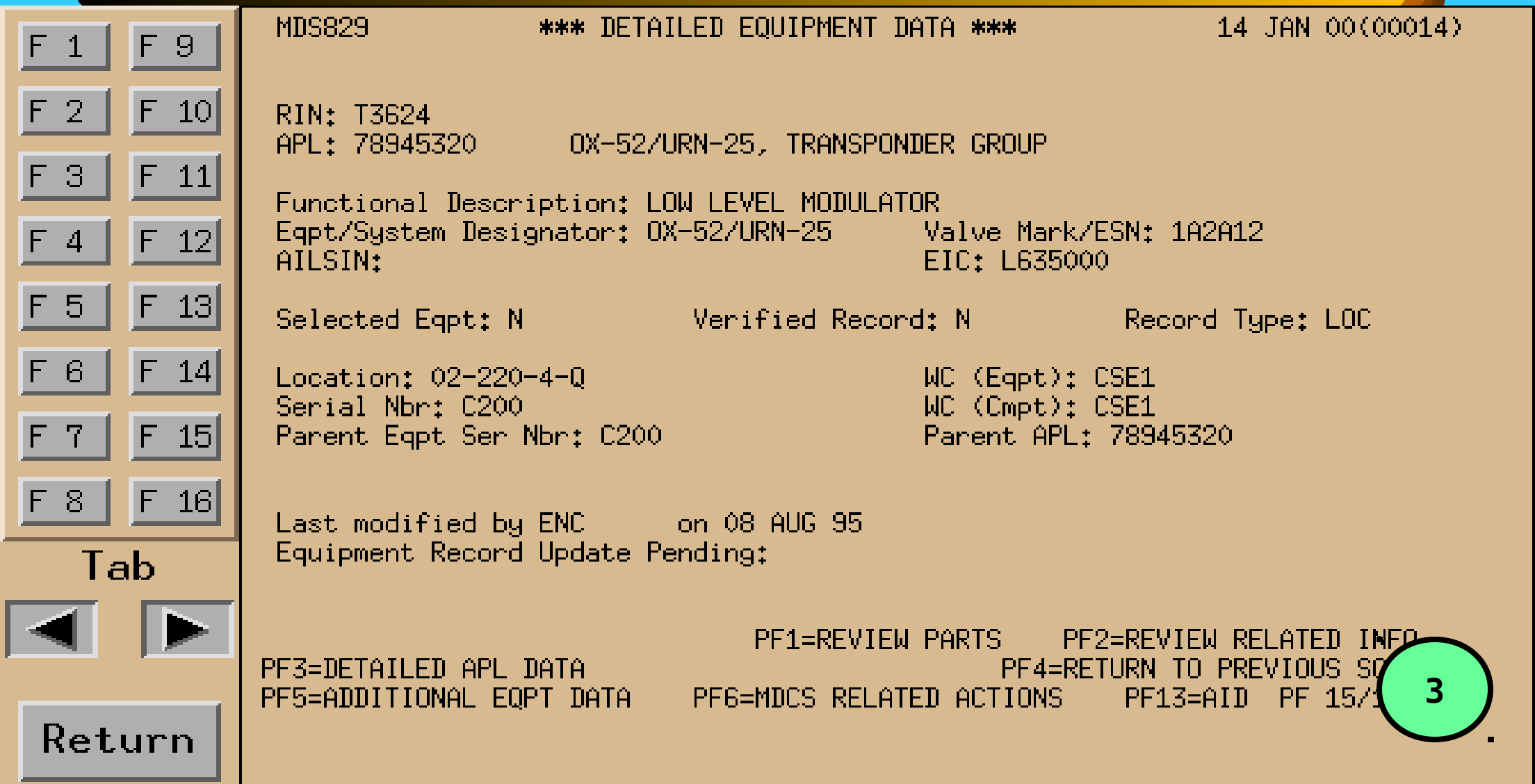
Equipment File Corrections
Actual Example



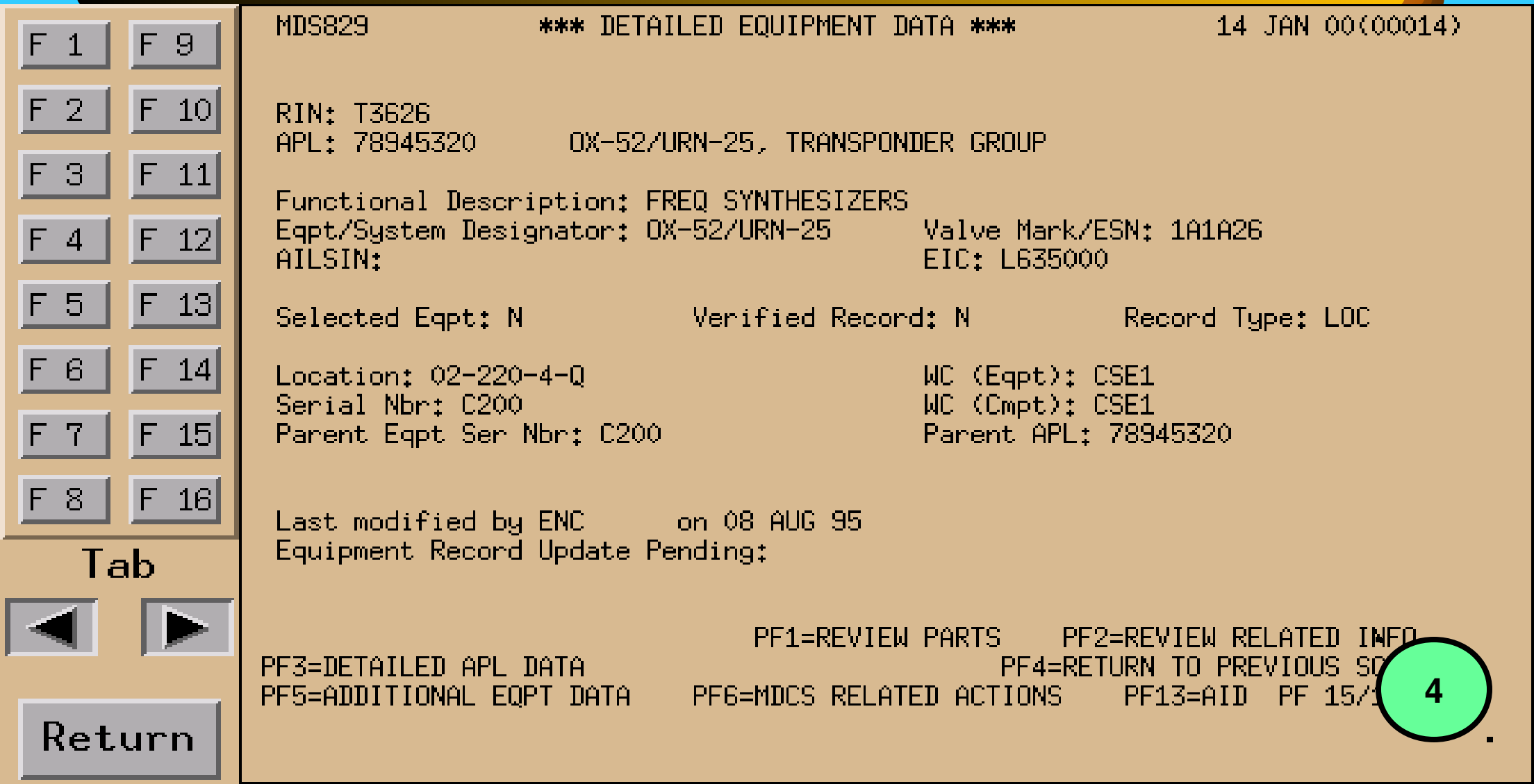
Equipment File Corrections
Actual Example



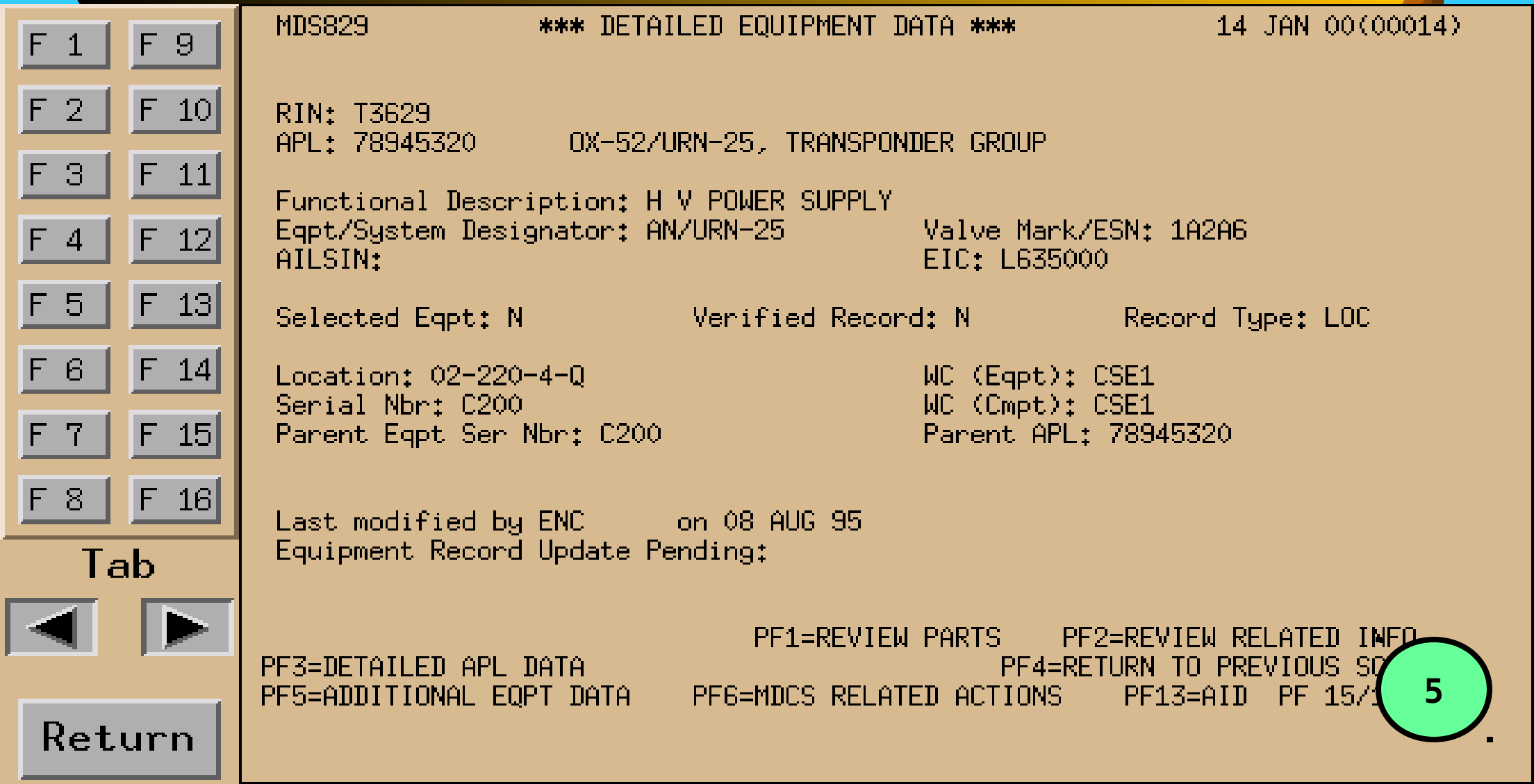
Equipment File Corrections
Actual Example



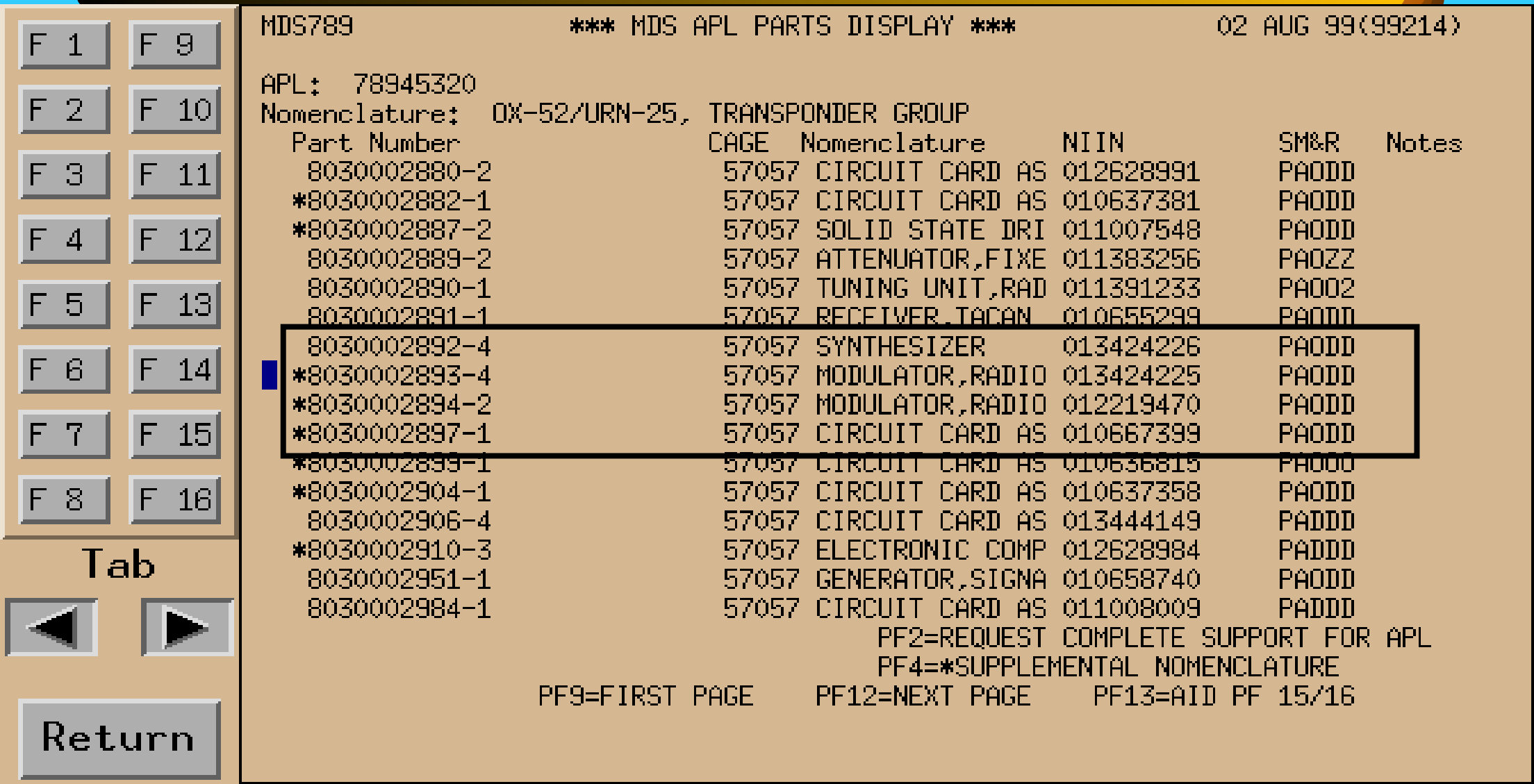
Equipment File Corrections
Actual Example



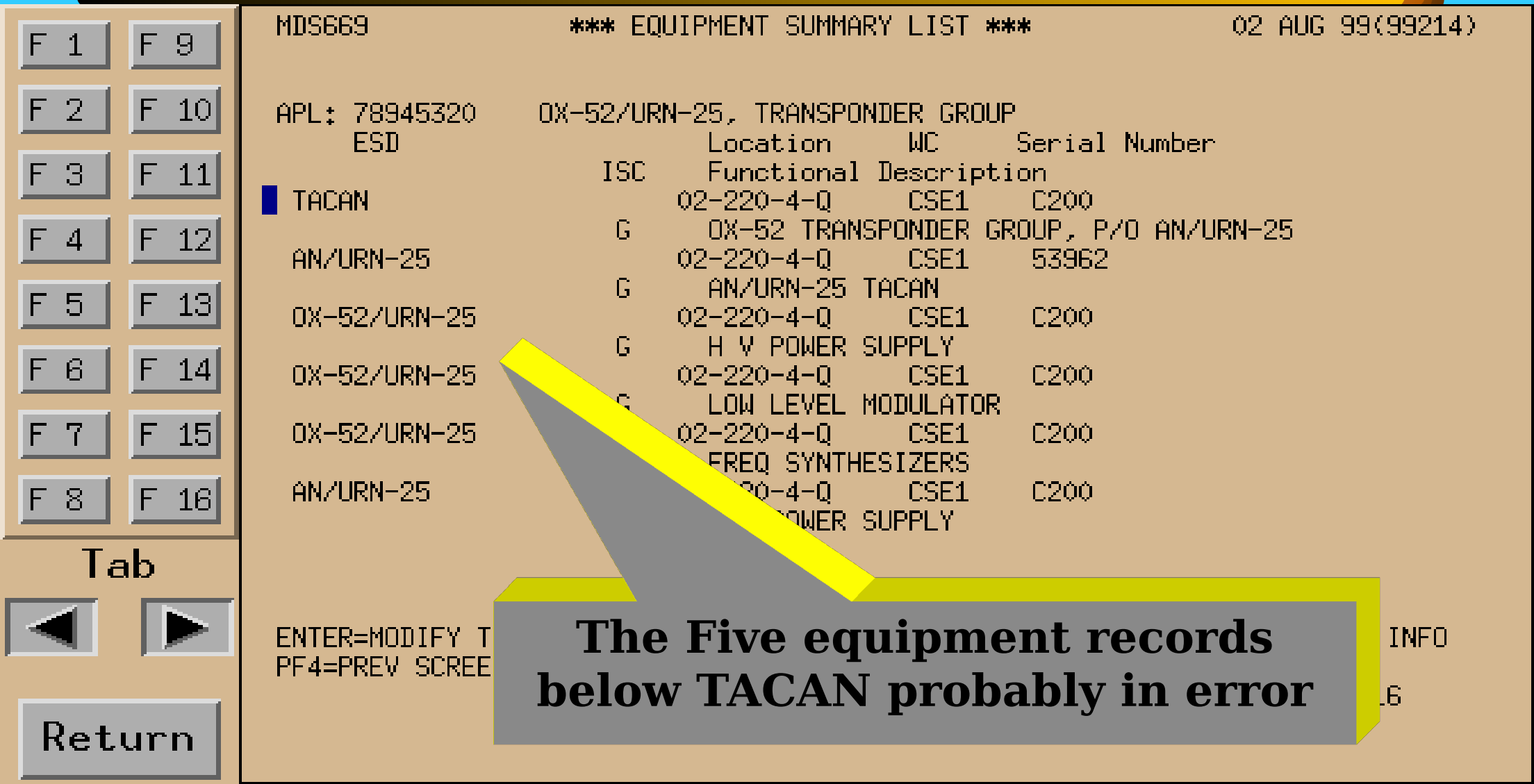
Equipment File Corrections
Actual Example



Equipment File Corrections
Actual Example


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 13
F 6
F 14
F 7
F 15
F 8
F 16
Tab
Return
MDS789 *** MDS APL PARTS DISPLAY *** 02 AUG 99(99214)
APL: 78945320
Nomenclature: OX-52/URN-25, TRANSPONDER GROUP
Part Number CAGE Nomenclature NIIN SM&R Notes
8030002880-2 57057 CIRCUIT CARD AS 012628991 PAODD
*8030002882-1 57057 CIRCUIT CARD AS 010637381 PAODD
*8030002887-2 57057 SOLID STATE DRI 011007548 PAODD
8030002889-2 57057 ATTENUATOR,FIXE 011383256 PAOZZ
8030002890-1 57057 TUNING UNIT,RAD 011391233 PAOO2
8030002891-1 57057 RECEIVER,IACAN 010655299 PAODD
8030002892-4 57057 SYNTHESIZER 013424226 PAODD
*8030002893-4 57057 MODULATOR,RADIO 013424225 PAODD
*8030002894-2 57057 MODULATOR,RADIO 012219470 PAODD
*8030002897-1 57057 CIRCUIT CARD AS 010667399 PAODD
*8030002899-1 57057 CIRCUIT CARD AS 010636815 PAODD
*8030002904-1 57057 CIRCUIT CARD AS 010637358 PAODD
8030002906-4 57057 CIRCUIT CARD AS 013444149 PADDD
*8030002910-3 57057 ELECTRONIC COMP 012628984 PADDD
8030002951-1 57057 GENERATOR,SIGNA 010658740 PAODD
8030002984-1 57057 CIRCUIT CARD AS 011008009 PADDD
PF2=REQUEST COMPLETE SUPPORT FOR APL
PF4=*SUPPLEMENTAL NOMENCLATURE
PF9=FIRST PAGE PF12=NEXT PAGE PF13=AID PF 15/16

Equipment File Corrections
Actual Example



Equipment File Deletions

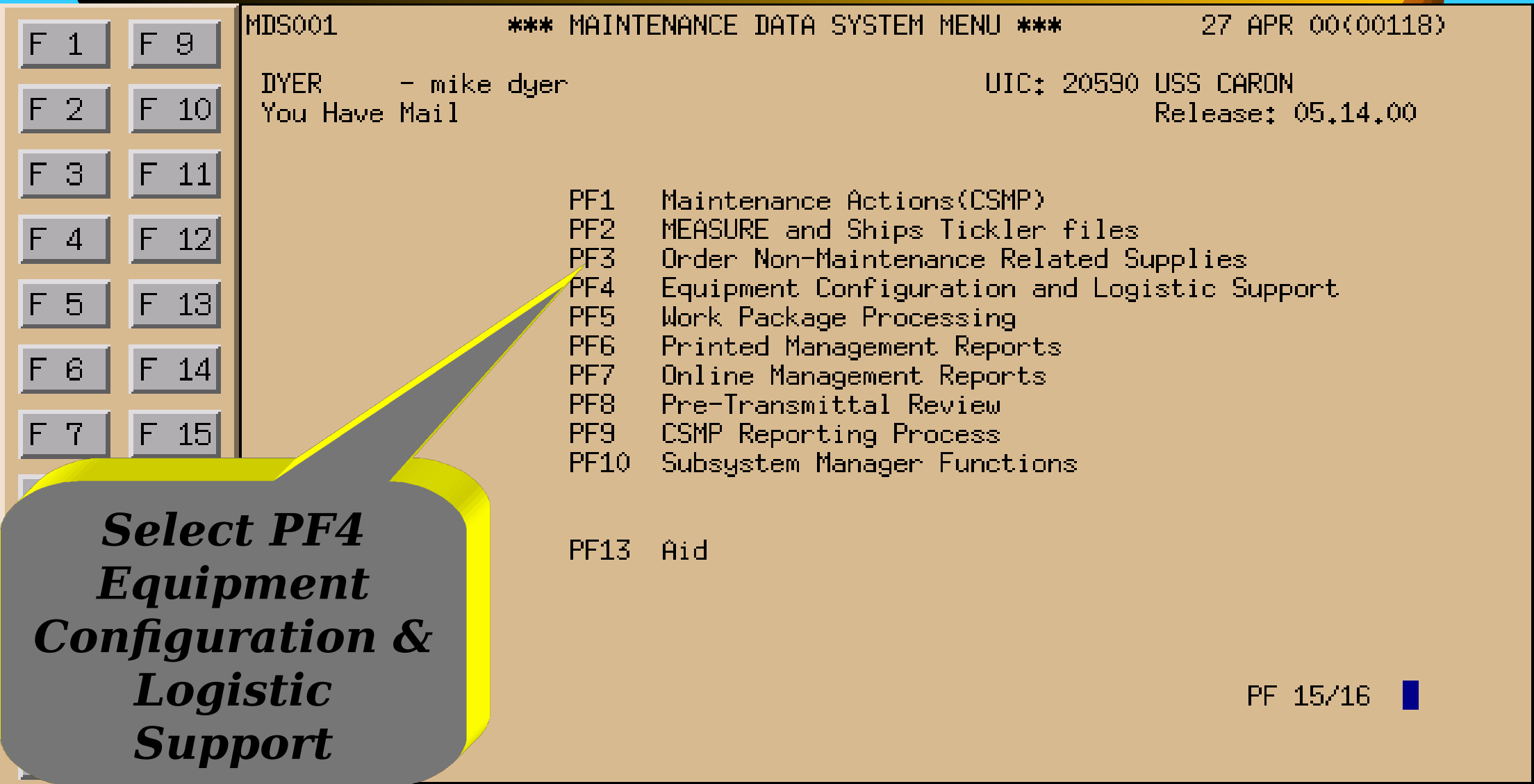


Removing equipment files from
SNAP database

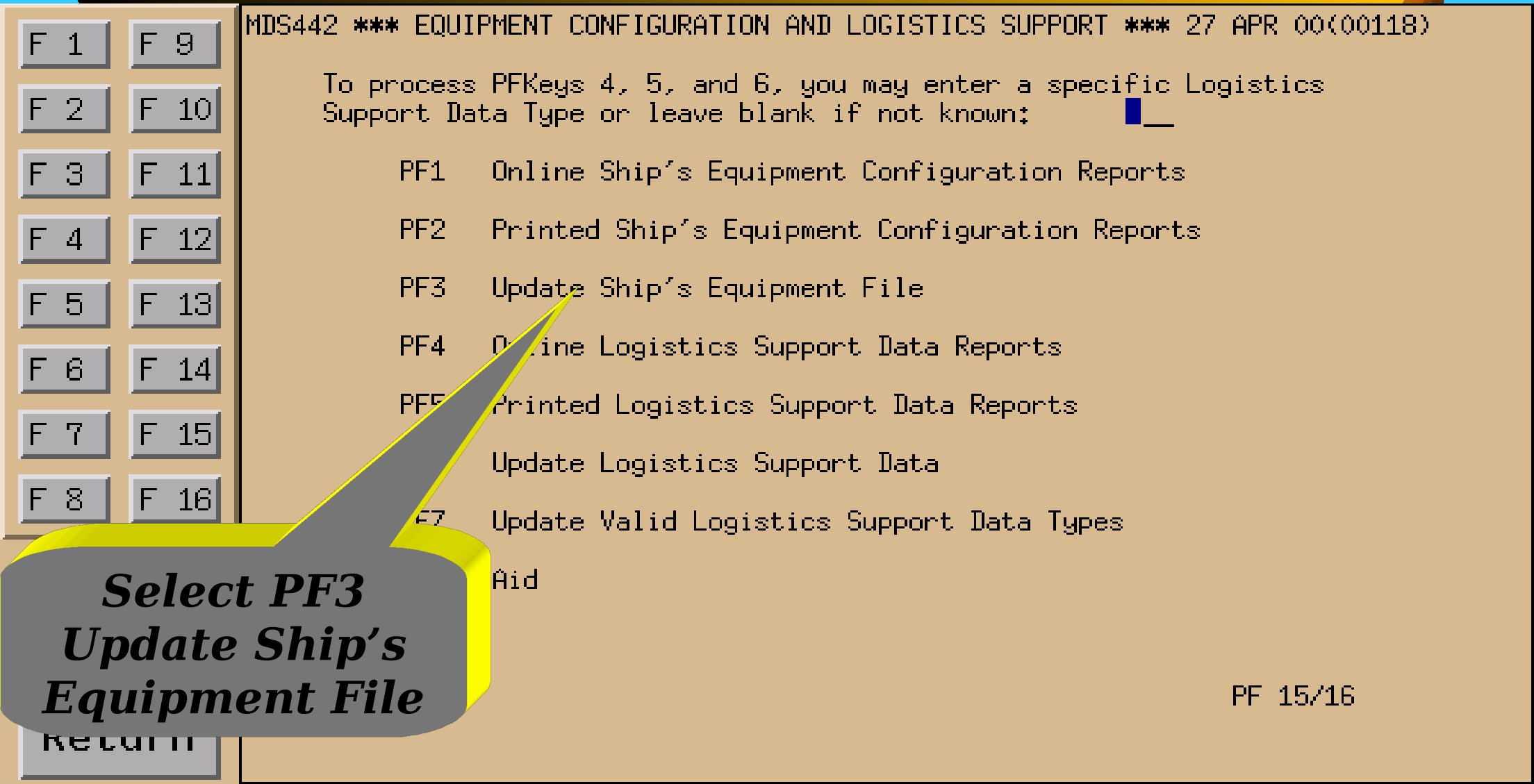
Equipment File Deletions/Removals

- The following section will demonstrated how to remove an equipment file from the SNAP database
- Normally when an equipment is removed it's generally replaced by another equipment. Ensure that the equipment file addition or deletion are accomplished
  - Simply for each deletion there is usually an equipment file addition

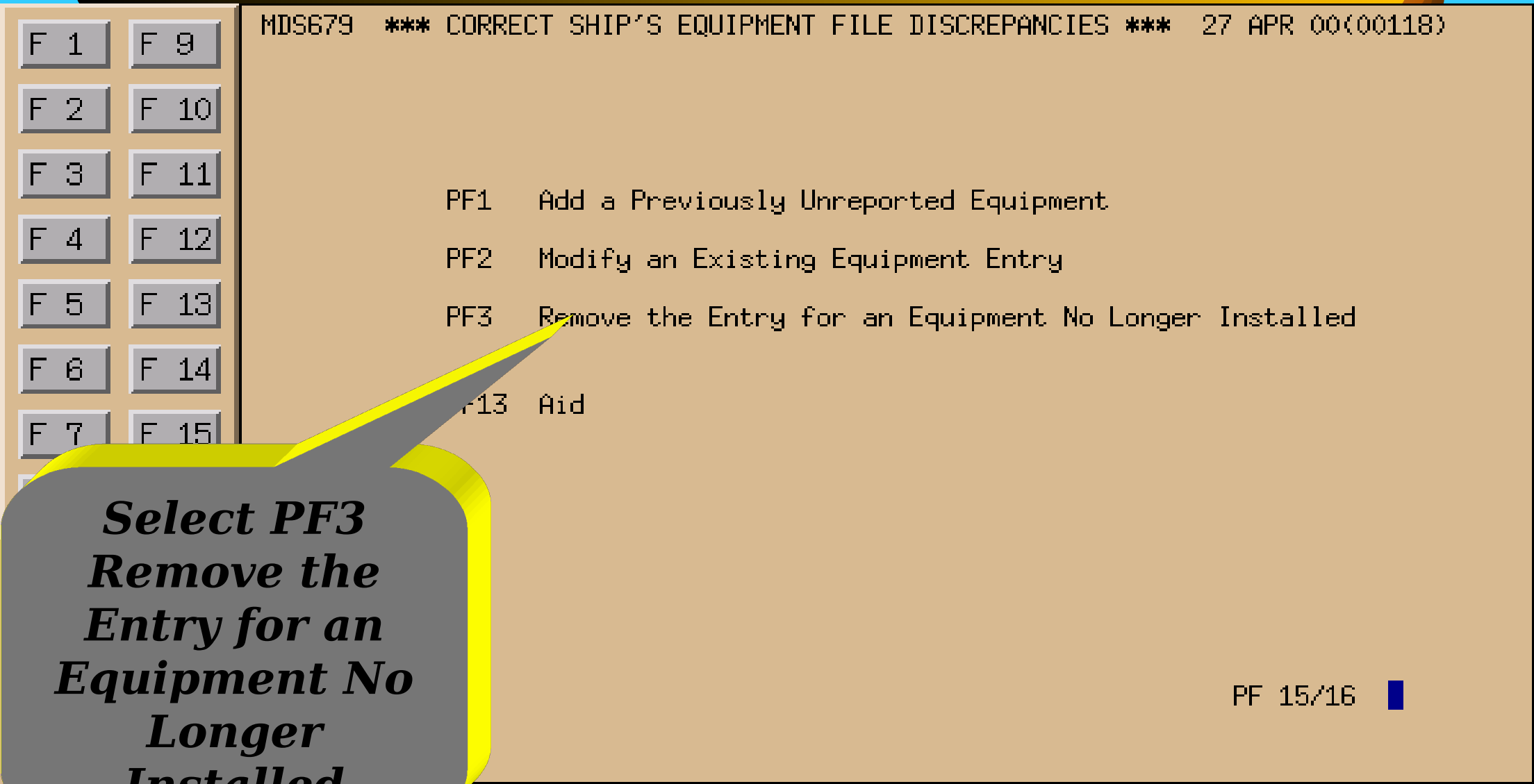
Equipment File Deletions/Removals



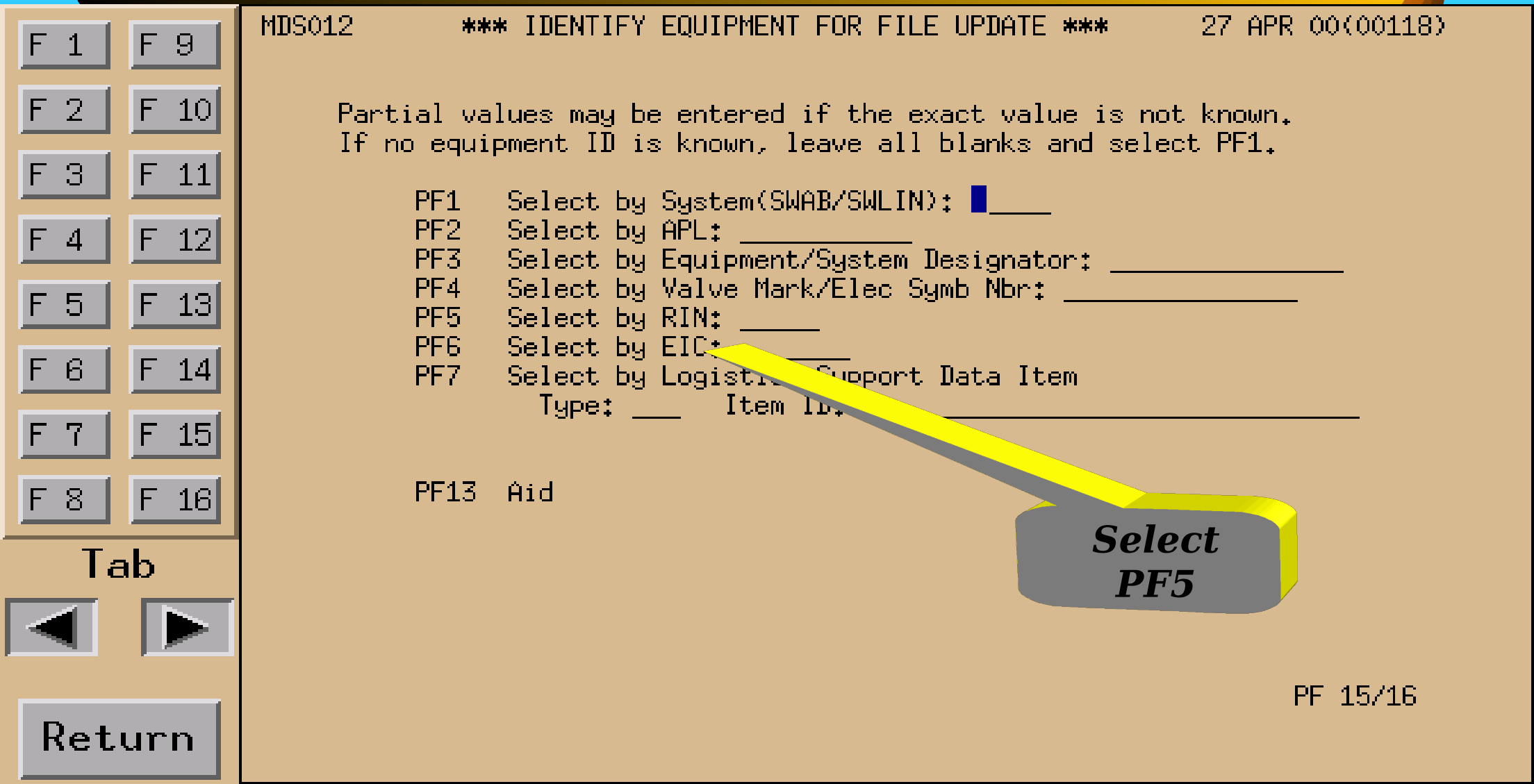
Equipment File Deletions/Removals



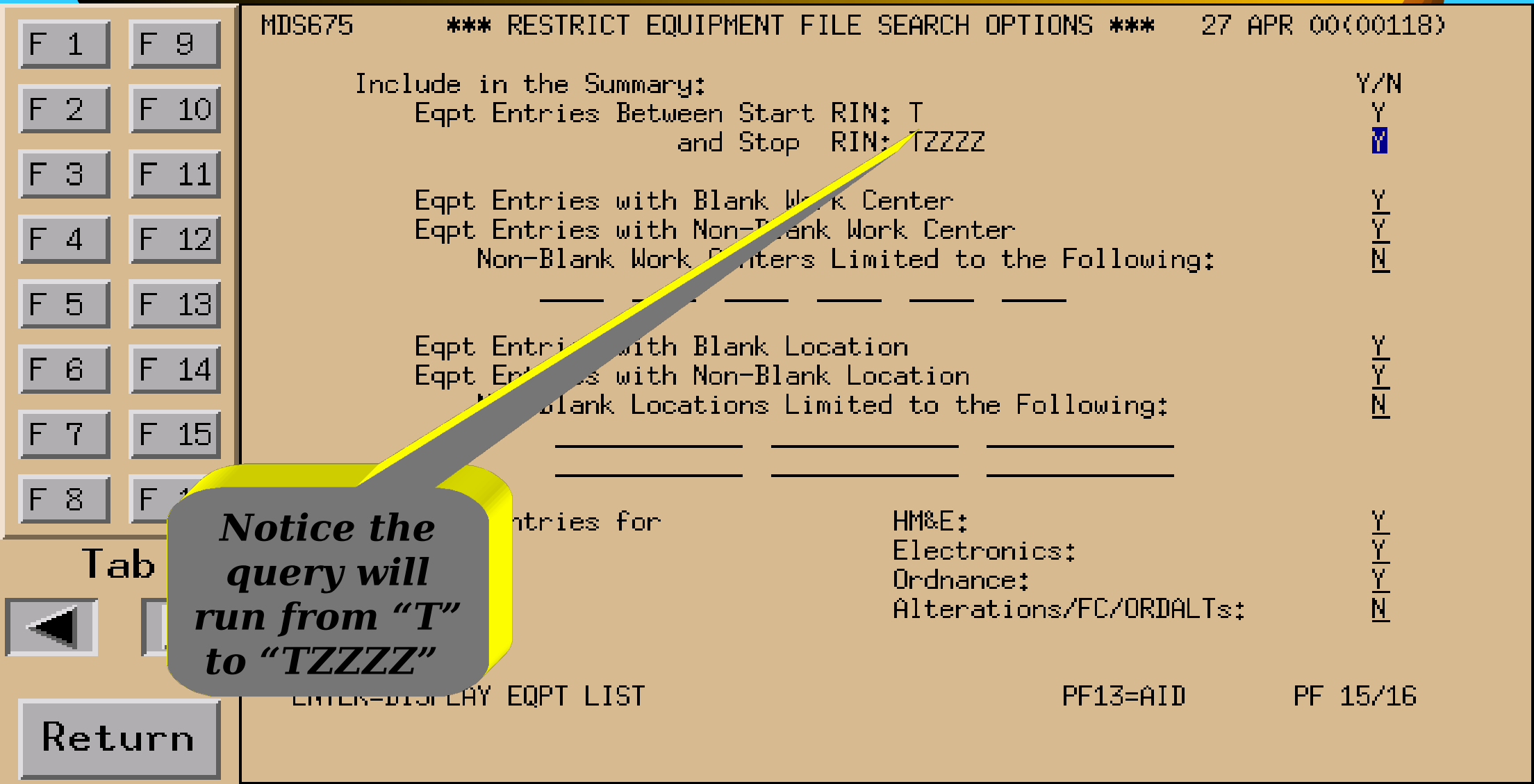
Equipment File Deletions/Removals



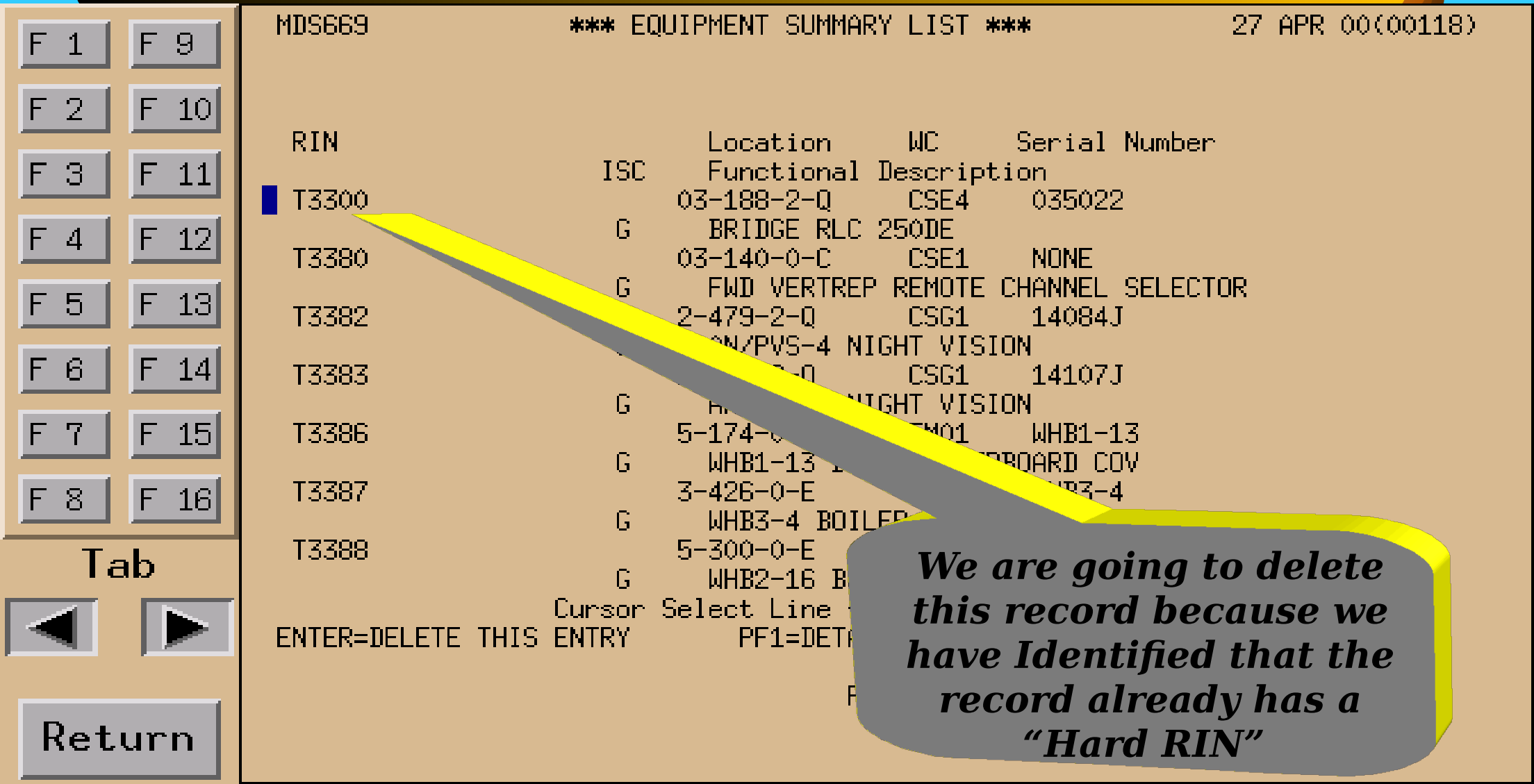
Equipment File Deletions/Removals



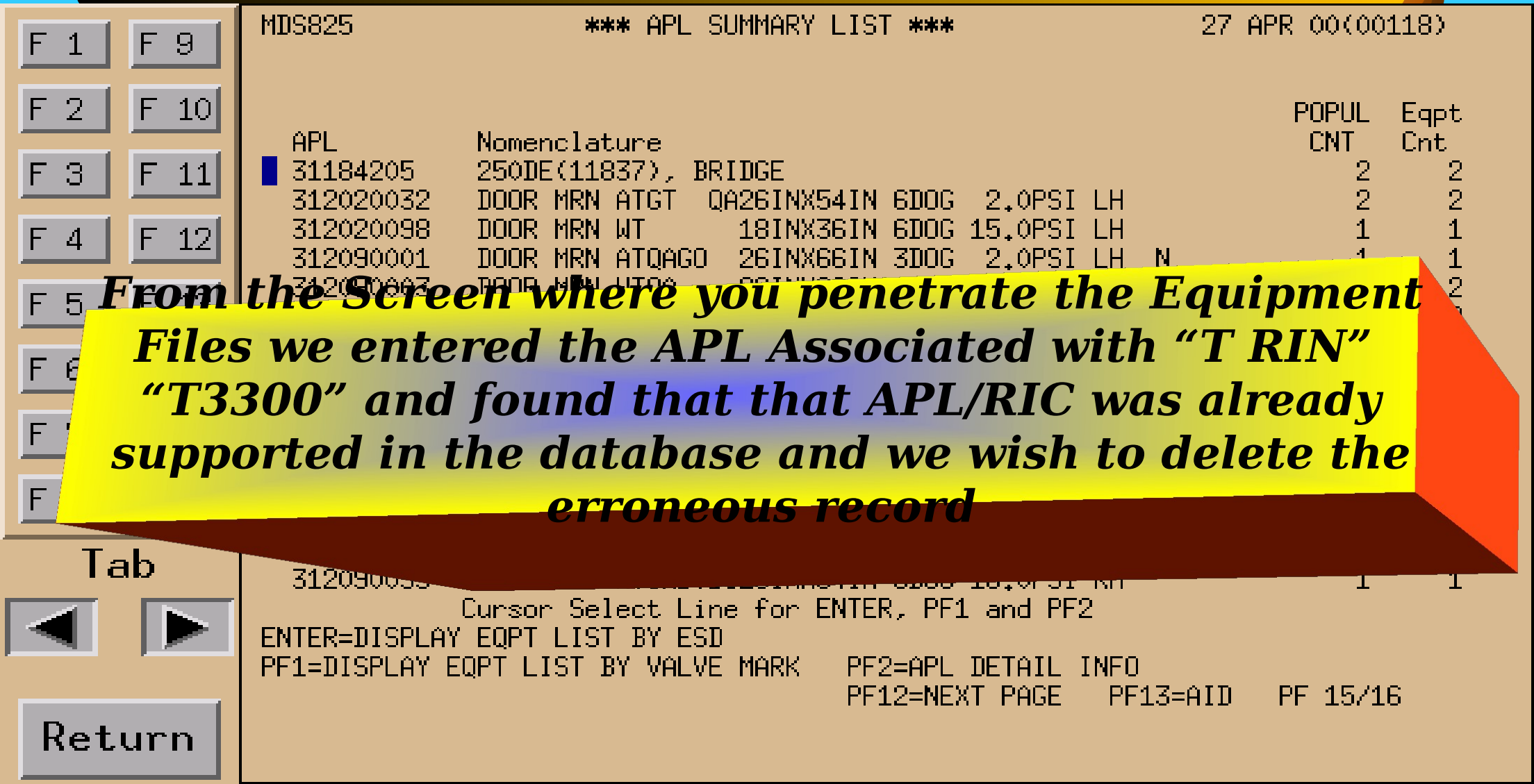
Equipment File Deletions/Removals



Equipment File Deletions/Removals

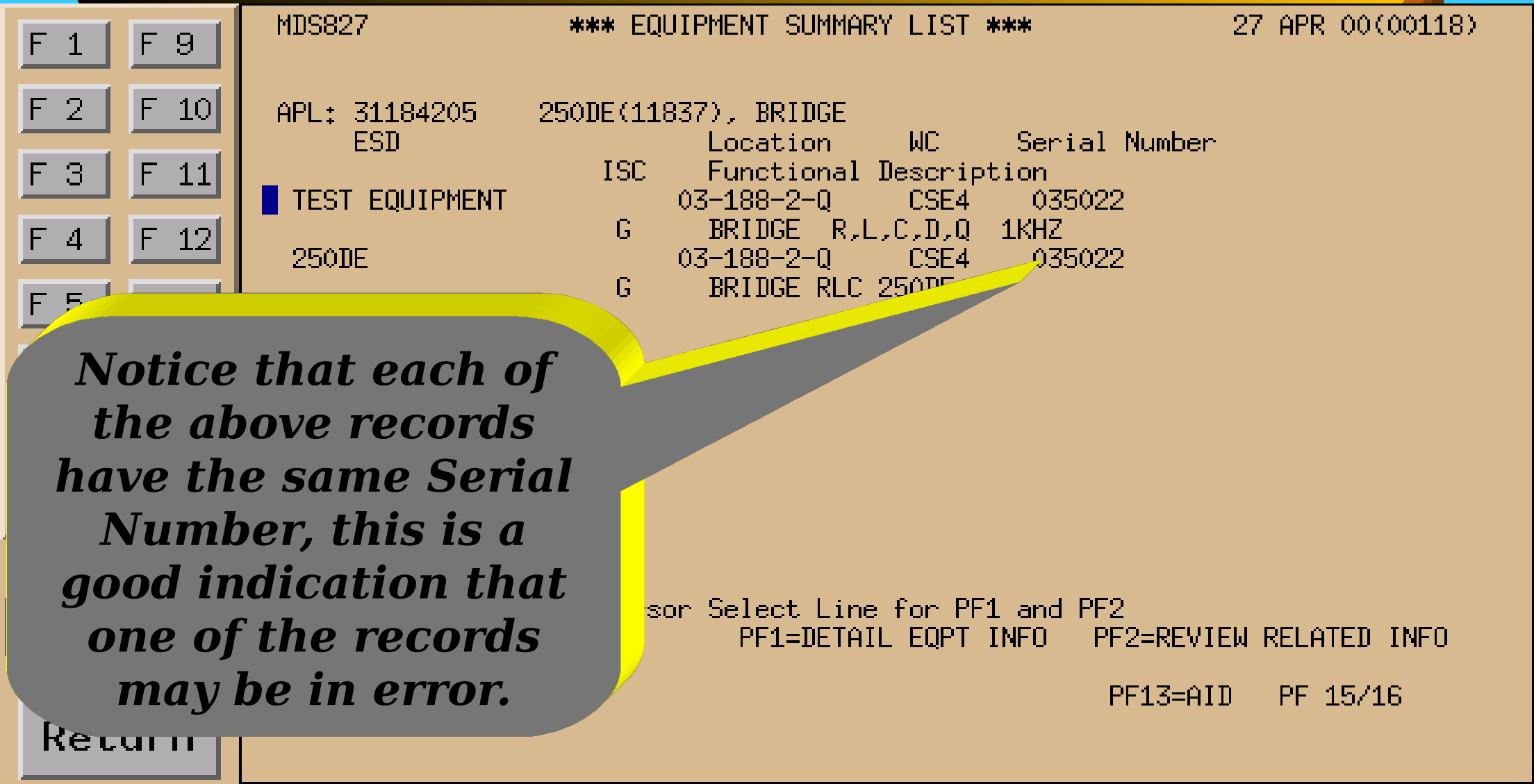


Equipment File Deletions/Removals

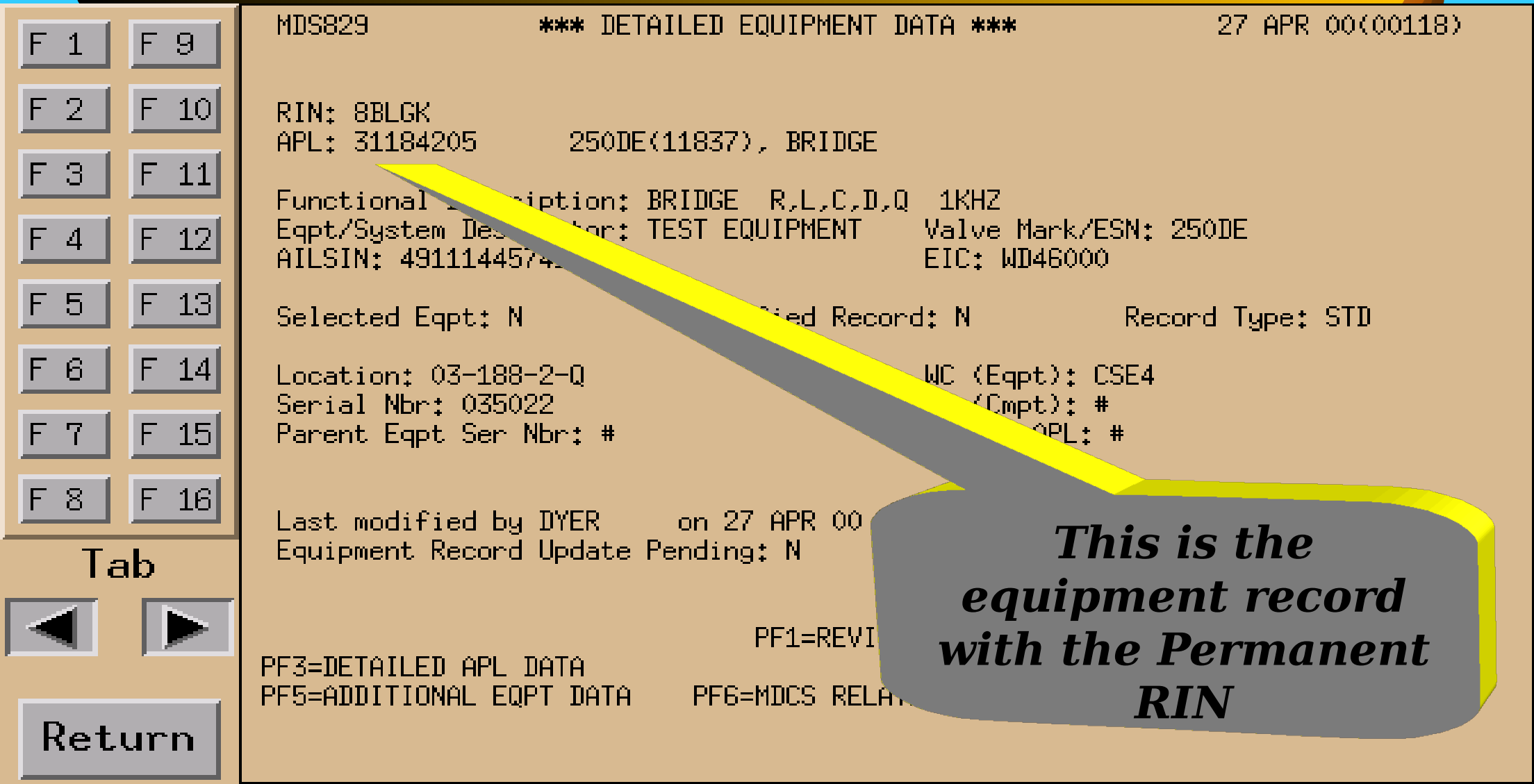

F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
F 5
F 6
F
Tab
Return
MDS825 *** APL SUMMARY LIST *** 27 APR 00(00118)
APL Nomenclature POPUL CNT Eqpt Cnt
31184205 250DE(11837), BRIDGE 2 2
312020032 DOOR MRN ATGT QA26INX54IN 6DOG 2.0PSI LH 2 2
312020098 DOOR MRN WT 18INX36IN 6DOG 15.0PSI LH 1 1
312090001 DOOR MRN ATQAGO 26INX66IN 3DOG 2.0PSI LH N 1 1
Cursor Select Line for ENTER, PF1 and PF2
ENTER=DISPLAY EQPT LIST BY ESD
PF1=DISPLAY EQPT LIST BY VALVE MARK PF2=APL DETAIL INFO
PF12=NEXT PAGE PF13=AID PF 15/16

From the Screen where you penetrate the Equipment Files we entered the APL Associated with "T RIN" "T3300" and found that that APL/RIC was already supported in the database and we wish to delete the erroneous record

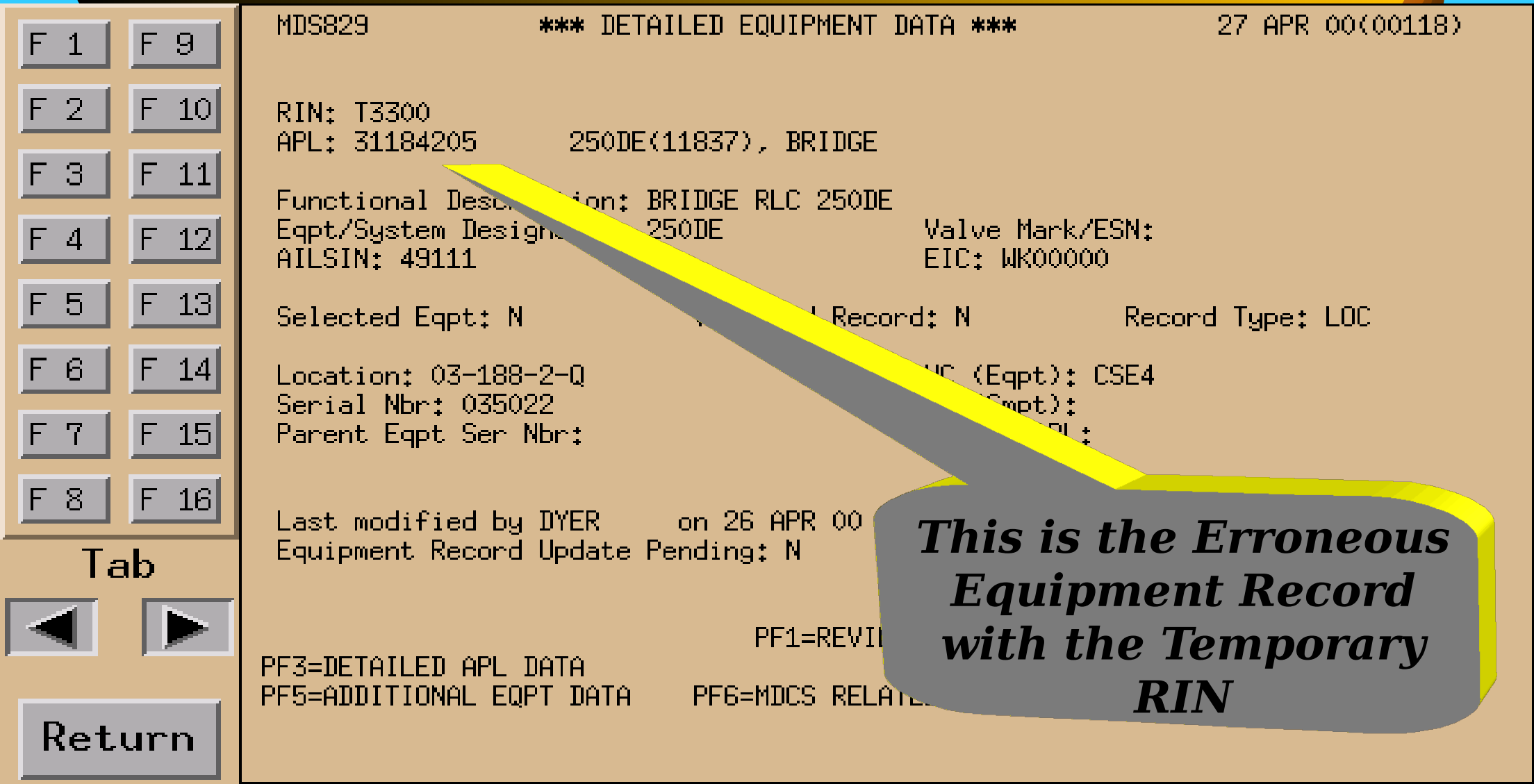
Equipment File Deletions/Removals


F 1
F 9
F 2
F 10
F 3
F 11
F 4
F 12
MDS827 *** EQUIPMENT SUMMARY LIST *** 27 APR 00(00118)
APL: 31184205 250DE(11837), BRIDGE
ESD Location WC Serial Number
ISC Functional Description
TEST EQUIPMENT 03-188-2-Q CSE4 035022
G BRIDGE R,L,C,D,Q 1KHZ
250DE 03-188-2-Q CSE4 035022
G BRIDGE RLC 250DE
sor Select Line for PF1 and PF2
PF1=DETAIL EQPT INFO PF2=REVIEW RELATED INFO
PF13=AID PF 15/16
Notice that each of the above records have the same Serial Number, this is a good indication that one of the records may be in error.

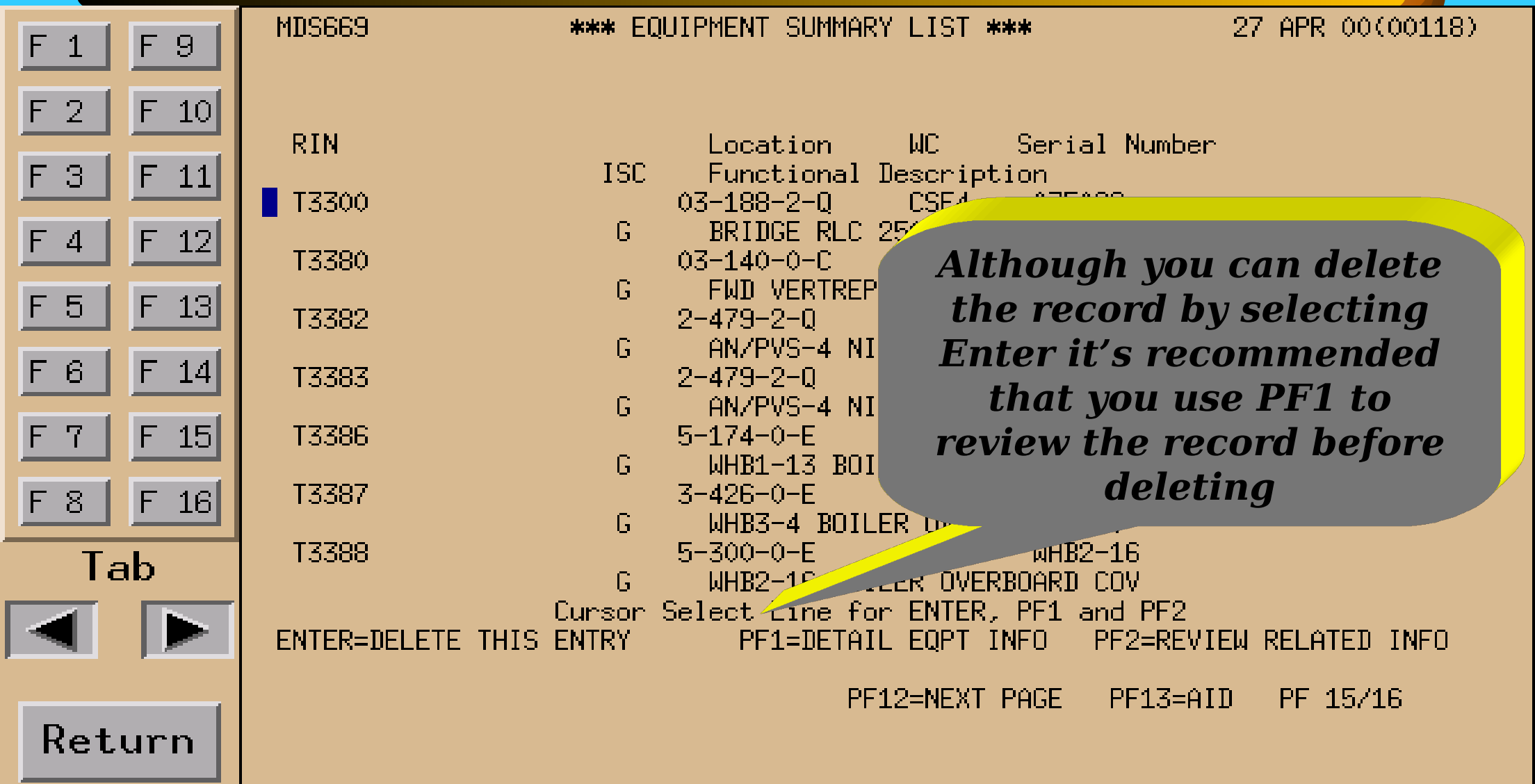
Equipment File Deletions/Removals



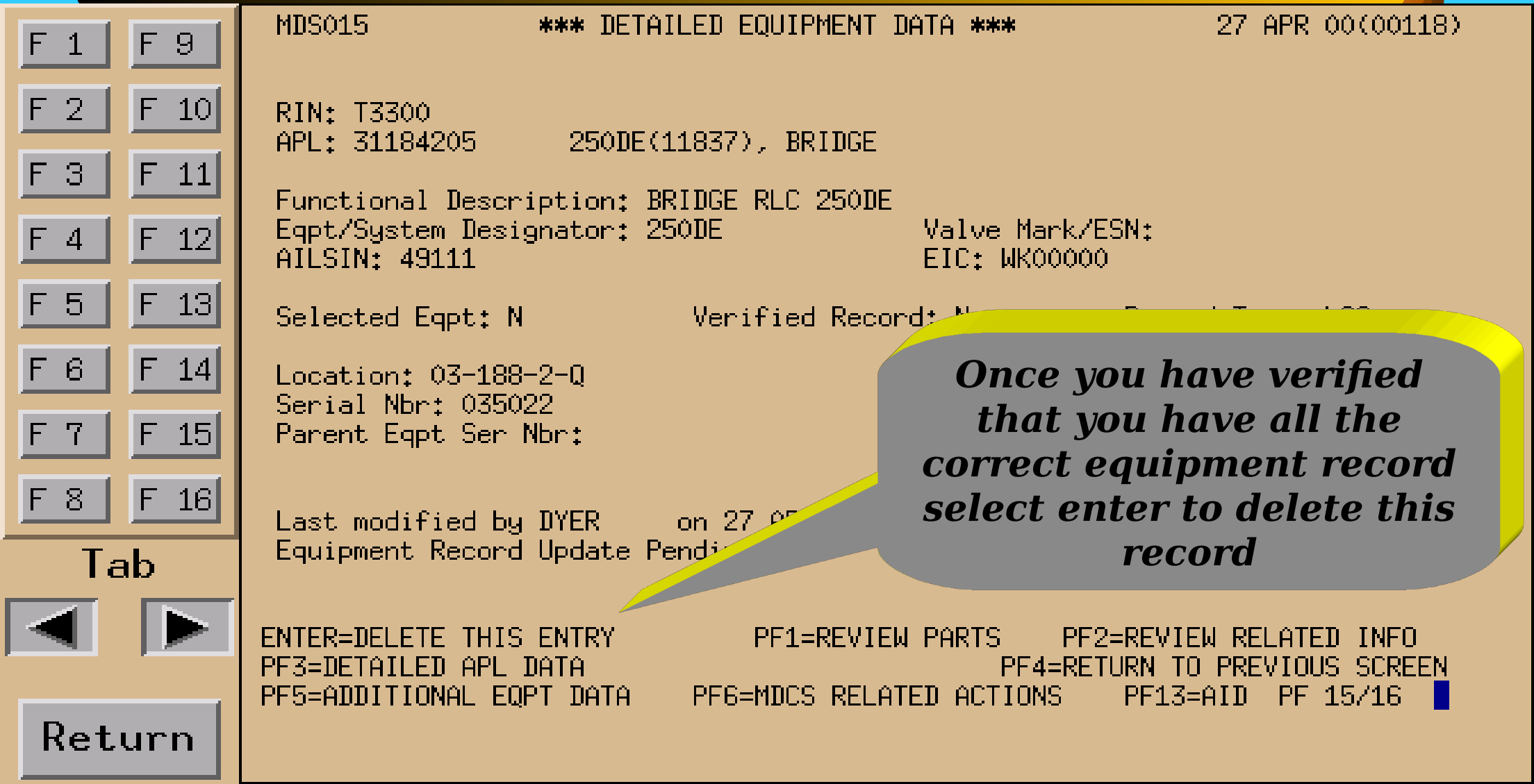
Equipment File Deletions/Removals



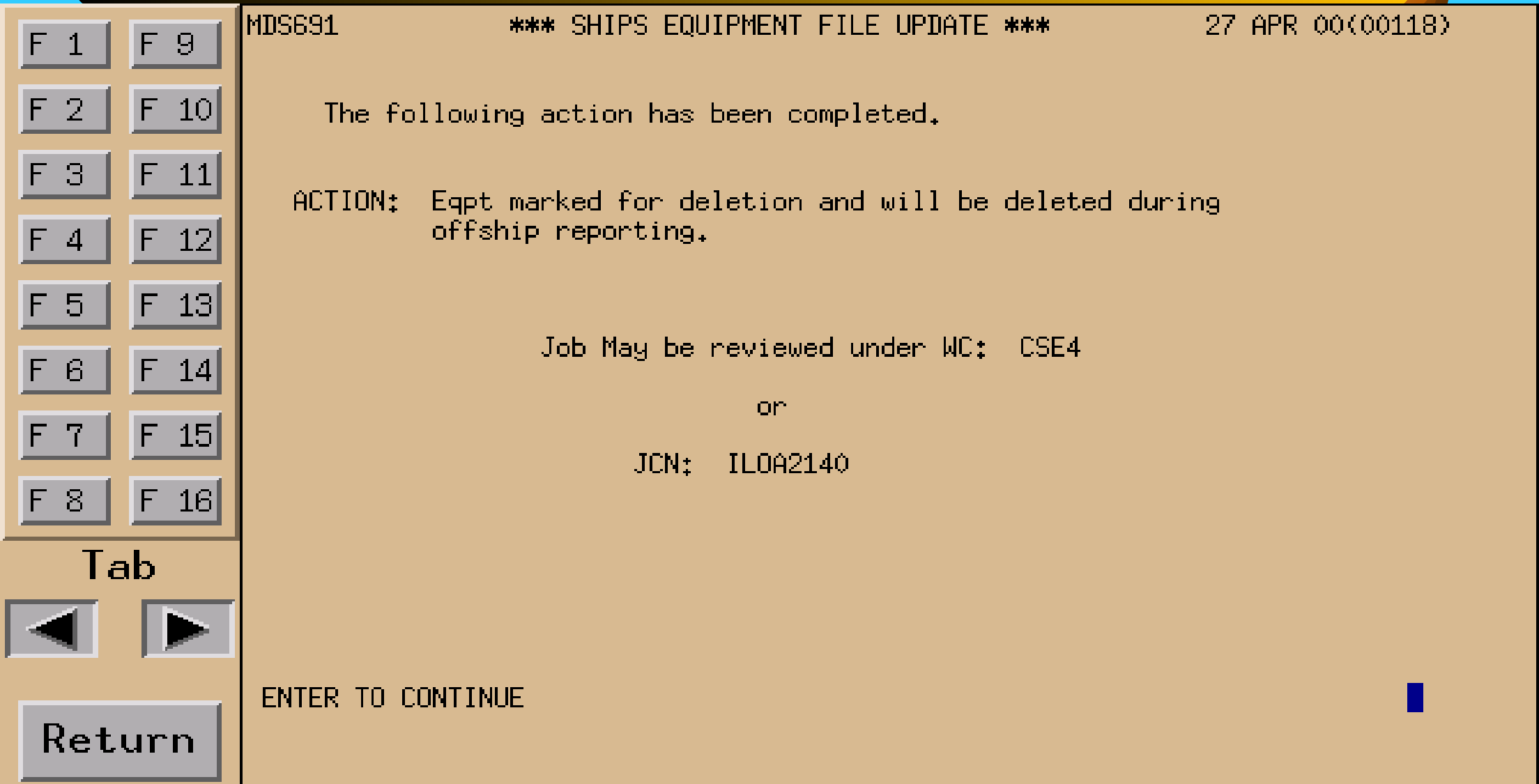
Equipment File Deletions/Removals



Equipment File Deletions/Removals



Equipment File Deletions/Removals



Practical Exercises



Instructor is here to help

Practical Exercises

- OPNAV 4790/2k
- OPNAV 4790/CKs
  - Add type II record (from scratch)
  - Add type III record (ship alteration)
  - Add type IV record (alteration)
- Delete & equipment record